

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/16/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.44	29.92	17.38	18.31	20.77	33.36	38.43	49.64	34.98	31.08	31.71	48.41	44.75	37.05	28.00	30.00	45.15	54.07	40.32	70.71	140.48	53.34	41.46	31.83
24138	1.71	1.60	1.06	1.20	1.41	1.86	2.17	3.10	2.34	2.24	2.47	2.68	2.51	2.32	1.87	2.25	2.45	3.00	2.76	4.39	6.70	2.82	2.52	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-1.04	-16.66	-14.85	-8.70	-5.22	-2.48	-13.82	-14.93	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.54	30.00	17.41	18.34	20.81	33.45	38.53	49.74	35.05	31.48	32.40	58.65	53.88	42.42	31.23	31.55	53.62	63.23	40.37	70.86	140.85	53.52	41.58	31.94
24260	1.80	1.67	1.09	1.23	1.46	1.95	2.27	3.20	2.41	2.29	2.51	2.70	2.53	2.36	1.90	2.27	2.46	3.01	2.81	4.54	7.07	3.00	2.65	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-26.88	-23.96	-14.04	-8.42	-4.01	-22.29	-24.08	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.54	30.00	17.41	18.34	20.81	33.45	38.53	49.74	35.05	31.48	32.40	58.65	53.88	42.42	31.23	31.55	53.62	63.23	40.37	70.86	140.85	53.52	41.58	31.94
24261	1.80	1.67	1.09	1.23	1.46	1.95	2.27	3.20	2.41	2.29	2.51	2.70	2.53	2.36	1.90	2.27	2.46	3.01	2.81	4.54	7.07	3.00	2.65	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-1.68	-26.88	-23.96	-14.04	-8.42	-4.01	-22.29	-24.08	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.12	29.57	17.18	18.02	20.39	32.84	37.91	49.02	34.25	29.36	29.07	30.03	28.17	26.74	21.41	26.26	30.17	37.77	39.48	70.27	141.39	53.37	41.03	31.39
24011	1.38	1.24	0.85	0.91	1.03	1.34	1.65	2.48	1.60	1.08	0.86	0.96	0.78	0.71	0.50	0.98	1.29	1.63	1.92	3.95	7.61	2.85	2.09	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.21	29.65	17.25	18.09	20.47	32.93	38.06	49.30	34.43	29.44	29.09	30.10	28.24	26.78	21.43	26.35	30.33	37.96	39.68	70.86	142.68	53.83	41.33	31.60
23798	1.48	1.32	0.92	0.98	1.12	1.43	1.79	2.76	1.79	1.16	0.89	1.03	0.85	0.76	0.53	1.08	1.46	1.81	2.12	4.55	8.89	3.31	2.39	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.12	29.57	17.18	18.02	20.39	32.84	37.91	49.02	34.25	29.36	29.07	30.03	28.17	26.74	21.41	26.26	30.17	37.77	39.48	70.27	141.39	53.37	41.03	31.39
24028	1.38	1.24	0.85	0.91	1.03	1.34	1.65	2.48	1.60	1.08	0.86	0.96	0.78	0.71	0.50	0.98	1.29	1.63	1.92	3.95	7.61	2.85	2.09	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.80	29.37	17.07	17.91	20.25	32.49	37.29	48.26	33.75	28.98	28.61	29.49	27.73	26.30	21.12	25.80	29.36	36.64	38.31	68.02	136.92	51.84	40.08	30.87
23527	1.07	1.05	0.74	0.80	0.89	1.00	1.03	1.71	1.10	0.70	0.40	0.42	0.34	0.28	0.21	0.52	0.48	0.50	0.75	1.70	3.14	1.32	1.14	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.77	28.51	16.59	17.41	19.66	31.57	36.26	46.62	32.81	28.41	28.27	29.17	27.46	26.10	20.97	25.43	28.98	36.18	37.66	66.34	133.11	50.48	39.01	30.03
24190	0.04	0.18	0.27	0.31	0.30	0.07	0.00	0.08	0.17	0.13	0.06	0.10	0.08	0.07	0.06	0.16	0.10	0.04	0.10	0.03	-0.67	-0.05	0.08	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.04	28.55	16.32	17.10	19.28	31.61	36.56	46.95	32.86	28.38	28.36	29.28	27.64	26.27	21.10	25.38	29.06	36.32	37.66	66.60	135.33	50.89	39.08	29.54
355683	0.30	0.23	-0.01	-0.01	-0.07	0.11	0.30	0.41	0.22	0.10	0.15	0.21	0.25	0.25	0.19	0.11	0.18	0.18	0.10	0.28	1.55	0.36	0.15	-0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	32.45	29.08	16.89	17.72	20.02	32.27	37.08	47.57	33.31	28.81	28.55	29.36	27.53	26.22	21.03	25.45	29.05	36.43	38.25	67.78	136.26	51.68	39.90	30.60
323833	0.71	0.75	0.57	0.60	0.66	0.77	0.81	1.03	0.67	0.53	0.34	0.29	0.14	0.20	0.12	0.18	0.17	0.28	0.69	1.47	2.48	1.15	0.96	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.44	29.07	16.88	17.71	20.01	32.26	37.06	47.56	33.31	28.80	28.55	29.35	27.52	26.22	21.03	25.45	29.04	36.41	38.24	67.76	136.16	51.65	39.87	30.58
323834	0.70	0.74	0.55	0.60	0.66	0.76	0.80	1.02	0.66	0.52	0.34	0.29	0.14	0.19	0.12	0.18	0.17	0.27	0.68	1.45	2.38	1.13	0.94	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.77	28.51	16.59	17.41	19.66	31.57	36.26	46.62	32.81	28.41	28.27	29.17	27.46	26.10	20.97	25.43	28.98	36.18	37.66	66.34	133.11	50.48	39.01	30.03
23571	0.04	0.18	0.27	0.31	0.30	0.07	0.00	0.08	0.17	0.13	0.06	0.10	0.08	0.07	0.06	0.16	0.10	0.04	0.10	0.03	-0.67	-0.05	0.08	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.77 0.04 0.00	28.51 0.18 0.00	16.59 0.27 0.00	17.41 0.31 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.17 0.10 0.00	27.46 0.08 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.66 0.10 0.00	66.34 0.03 0.00	133.11 -0.67 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
ALBANY___3 23573	31.77 0.04 0.00	28.51 0.18 0.00	16.59 0.27 0.00	17.41 0.31 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.17 0.10 0.00	27.46 0.08 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.66 0.10 0.00	66.34 0.03 0.00	133.11 -0.67 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
ALBANY___4 23574	31.77 0.04 0.00	28.51 0.18 0.00	16.59 0.27 0.00	17.41 0.31 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.17 0.10 0.00	27.46 0.08 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.66 0.10 0.00	66.34 0.03 0.00	133.11 -0.67 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
ALBANY___LFGE 323615	32.09 0.35 0.00	28.78 0.45 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.83 0.48 0.00	31.88 0.38 0.00	36.64 0.37 0.00	47.11 0.57 0.00	33.15 0.51 0.00	28.69 0.41 0.00	28.55 0.34 0.00	29.45 0.38 0.00	27.73 0.34 0.00	26.37 0.34 0.00	21.18 0.27 0.00	25.70 0.43 0.00	29.32 0.44 0.00	36.62 0.48 0.00	38.12 0.56 0.00	67.18 0.87 0.00	134.78 0.99 0.00	51.08 0.55 0.00	39.45 0.51 0.00	30.33 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	32.06 0.33 0.00	28.58 0.25 0.00	16.32 0.00 0.00	17.10 -0.01 0.00	19.28 -0.08 0.00	31.63 0.13 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.96 0.31 0.00	28.44 0.16 0.00	28.43 0.22 0.00	29.35 0.29 0.00	27.70 0.31 0.00	26.33 0.31 0.00	21.14 0.23 0.00	25.40 0.13 0.00	28.99 0.11 0.00	36.25 0.11 0.00	37.59 0.03 0.00	66.59 0.27 0.00	135.47 1.68 0.00	50.98 0.46 0.00	39.12 0.18 0.00	29.55 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	32.06 0.33 0.00	28.58 0.25 0.00	16.32 0.00 0.00	17.10 -0.01 0.00	19.28 -0.08 0.00	31.63 0.13 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.96 0.31 0.00	28.44 0.16 0.00	28.43 0.22 0.00	29.35 0.29 0.00	27.70 0.31 0.00	26.33 0.31 0.00	21.14 0.23 0.00	25.40 0.13 0.00	28.99 0.11 0.00	36.25 0.11 0.00	37.59 0.03 0.00	66.59 0.27 0.00	135.47 1.68 0.00	50.98 0.46 0.00	39.12 0.18 0.00	29.55 -0.12 0.00
ALCOA___DSASP 323711	32.07 0.33 0.00	28.58 0.25 0.00	16.32 0.00 0.00	17.10 -0.01 0.00	19.28 -0.08 0.00	31.63 0.13 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.96 0.31 0.00	28.44 0.16 0.00	28.43 0.22 0.00	29.35 0.29 0.00	27.70 0.31 0.00	26.33 0.31 0.00	21.14 0.23 0.00	25.40 0.13 0.00	28.99 0.11 0.00	36.25 0.11 0.00	37.59 0.03 0.00	66.59 0.27 0.00	135.47 1.69 0.00	50.98 0.45 0.00	39.12 0.18 0.00	29.55 -0.12 0.00
ALLEGHENY___COGEN 23514	31.36 -0.37 0.00	27.85 -0.48 0.00	16.16 -0.17 0.00	16.87 -0.24 0.00	19.07 -0.29 0.00	31.65 0.15 0.00	36.87 0.60 0.00	47.29 0.75 0.00	32.72 0.08 0.00	29.43 -0.61 -1.76	27.38 -0.82 0.00	29.06 -1.08 -1.07	26.48 -0.91 0.00	25.17 -0.85 0.00	27.97 -0.63 -7.69	56.32 -0.75 -31.80	28.60 -0.85 -0.57	35.32 -0.82 0.00	37.40 -0.16 0.00	67.62 1.30 0.00	137.37 3.59 0.00	51.57 1.04 0.00	39.34 0.40 0.00	29.83 0.16 0.00
ALTAMONT_115KV_TB 2 55880	32.14 0.40 0.00	28.79 0.46 0.00	16.70 0.37 0.00	17.52 0.41 0.00	19.82 0.46 0.00	31.96 0.46 0.00	36.71 0.44 0.00	47.19 0.65 0.00	33.14 0.50 0.00	28.71 0.43 0.00	28.58 0.37 0.00	29.46 0.39 0.00	27.75 0.36 0.00	26.36 0.33 0.00	21.18 0.27 0.00	25.65 0.38 0.00	29.24 0.37 0.00	36.57 0.43 0.00	38.06 0.50 0.00	67.18 0.86 0.00	134.87 1.09 0.00	51.14 0.61 0.00	39.51 0.57 0.00	30.30 0.63 0.00
ALTONA_WT_PWR 323606	32.36 0.62 0.00	28.84 0.51 0.00	16.53 0.21 0.00	17.31 0.20 0.00	19.51 0.16 0.00	31.93 0.43 0.00	36.92 0.65 0.00	47.52 0.97 0.00	33.23 0.59 0.00	28.57 0.29 0.00	28.55 0.34 0.00	29.48 0.41 0.00	27.83 0.44 0.00	26.43 0.40 0.00	21.21 0.30 0.00	25.41 0.14 0.00	29.48 0.60 0.00	36.76 0.62 0.00	38.16 0.60 0.00	67.41 1.10 0.00	136.66 2.88 0.00	51.34 0.81 0.00	39.29 0.35 0.00	29.67 0.00 0.00
AMERICAN_REF_FUEL 24010	28.95 -2.78 0.00	25.88 -2.45 0.00	15.03 -1.29 0.00	15.61 -1.50 0.00	17.62 -1.74 0.00	29.55 -1.95 0.00	34.15 -2.12 0.00	43.36 -3.18 0.00	30.26 -2.38 0.00	26.01 -1.85 0.41	26.24 -1.97 0.00	26.57 -2.25 0.25	25.21 -2.18 0.00	24.02 -2.01 0.00	17.69 -1.41 1.81	16.13 -1.65 7.49	26.38 -2.36 0.13	33.30 -2.84 0.00	35.12 -2.45 0.00	62.42 -3.89 0.00	125.37 -8.41 0.00	46.58 -3.94 0.00	35.67 -3.27 0.00	27.40 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.56 -2.18 0.00	26.26 -2.07 0.00	15.35 -0.97 0.00	16.00 -1.12 0.00	18.08 -1.27 0.00	30.75 -0.75 0.00	35.44 -0.83 0.00	45.31 -1.23 0.00	31.30 -1.34 0.00	27.00 -0.87 0.41	27.61 -0.60 0.00	27.99 -0.83 0.25	26.57 -0.82 0.00	25.35 -0.67 0.00	18.41 -0.71 1.79	16.87 -0.99 7.40	27.52 -1.22 0.13	35.41 -0.74 0.00	37.53 -0.03 0.00	66.82 0.50 0.00	133.54 -0.24 0.00	49.59 -0.93 0.00	37.46 -1.48 0.00	28.10 -1.58 0.00
ARTHUR KILL_GT_1 23520	33.52 1.78 0.00	29.99 1.66 0.00	17.39 1.07 0.00	18.31 1.20 0.00	20.77 1.42 0.00	33.37 1.88 0.00	38.46 2.19 0.00	49.51 2.97 0.00	34.91 2.26 0.00	31.25 2.06 -0.91	32.15 2.26 -1.68	54.69 2.38 -23.24	50.02 2.24 -20.40	49.40 2.12 -21.26	31.60 1.68 -9.01	30.82 1.99 -3.56	49.38 2.11 -18.40	59.12 2.68 -20.30	40.27 2.71 0.00	70.46 4.12 -0.02	139.96 6.18 0.00	53.38 2.86 0.00	41.59 2.65 0.00	31.94 2.27 0.00
ARTHUR_KILL_2 23512	33.44 1.70 0.00	29.91 1.58 0.00	17.34 1.02 0.00	18.27 1.16 0.00	20.72 1.36 0.00	33.28 1.78 0.00	38.35 2.08 0.00	49.37 2.83 0.00	34.81 2.16 0.00	31.17 1.98 -0.91	32.08 2.19 -1.68	54.58 2.27 -23.24	49.89 2.11 -20.40	49.29 2.01 -21.26	31.53 1.61 -9.01	30.72 1.88 -3.56	49.28 2.00 -18.40	58.97 2.53 -20.30	40.15 2.59 0.00	70.24 3.90 -0.02	139.55 5.77 0.00	53.21 2.69 0.00	41.47 2.53 0.00	31.86 2.18 0.00
ARTHUR_KILL_3 23513	33.18 1.45 0.00	29.70 1.37 0.00	17.25 0.93 0.00	18.18 1.07 0.00	20.62 1.26 0.00	33.11 1.61 0.00	38.12 1.86 0.00	49.21 2.67 0.00	34.64 2.00 0.00	31.02 1.94 -0.81	31.84 2.15 -1.49	54.54 2.35 -23.12	49.98 2.20 -20.39	49.29 2.01 -21.25	31.54 1.62 -9.01	30.78 1.95 -3.55	49.39 2.12 -18.39	58.51 2.62 -19.74	39.93 2.37 0.00	70.08 3.75 -0.01	139.14 5.36 0.00	52.93 2.40 0.00	41.16 2.23 0.00	31.63 1.95 0.00

ARTHUR_KILL_COGEN 323718	33.52 1.78 0.00	29.99 1.66 0.00	17.39 1.07 0.00	18.31 1.20 0.00	20.77 1.42 0.00	33.37 1.88 0.00	38.45 2.18 0.00	49.50 2.96 0.00	34.90 2.26 0.00	31.24 2.05 -0.91	32.15 2.27 -1.68	54.67 2.36 -23.24	49.98 2.20 -20.40	49.38 2.10 -21.26	31.59 1.67 -9.01	30.78 1.95 -3.56	49.36 2.08 -18.40	59.09 2.65 -20.30	40.27 2.71 0.00	70.45 4.12 -0.02	139.96 6.18 0.00	53.38 2.85 0.00	41.59 2.65 0.00	31.94 2.27 0.00
ASHOKAN____ 23654	33.34 1.61 0.00	29.80 1.48 0.00	17.30 0.98 0.00	18.18 1.07 0.00	20.58 1.23 0.00	33.15 1.66 0.00	38.21 1.95 0.00	49.23 2.69 0.00	34.60 1.96 0.00	30.05 1.78 0.00	30.04 1.82 0.00	30.95 1.88 0.00	29.15 1.76 0.00	27.66 1.64 0.00	22.20 1.29 0.00	26.72 1.45 0.00	30.49 1.62 0.00	38.43 2.29 0.00	40.30 2.74 0.00	71.16 4.84 0.00	142.21 8.43 0.00	53.98 3.45 0.00	41.74 2.80 0.00	31.92 2.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.22 1.48 0.00	29.74 1.42 0.00	17.13 0.82 0.01	18.05 0.95 0.01	20.48 1.13 0.01	31.60 1.36 1.25	31.99 1.58 5.85	32.31 2.30 16.53	31.98 1.89 2.56	30.89 1.84 -0.77	31.64 2.05 -1.38	53.25 2.14 -22.04	49.03 1.99 -19.65	39.41 1.87 -11.52	30.14 1.62 -7.61	30.32 1.76 -3.29	49.03 1.87 -18.28	58.18 2.29 -19.75	39.95 2.39 0.00	69.75 3.44 0.01	138.88 5.10 0.00	53.15 2.62 0.00	41.32 2.39 0.00	31.79 2.11 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.22 1.48 0.00	29.75 1.42 0.00	17.13 0.82 0.01	18.05 0.95 0.01	20.48 1.13 0.01	31.60 1.36 1.25	31.99 1.58 5.85	32.31 2.30 16.53	31.98 1.89 2.56	30.89 1.84 -0.77	31.64 2.05 -1.38	53.25 2.14 -22.04	49.03 1.99 -19.65	39.41 1.87 -11.52	30.14 1.62 -7.61	30.32 1.76 -3.29	49.03 1.87 -18.28	58.18 2.29 -19.75	39.95 2.39 0.00	69.75 3.44 0.01	138.88 5.10 0.00	53.15 2.62 0.00	41.32 2.39 0.00	31.78 2.11 0.00
ASTORIA_GT2_1 24094	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT2_2 24095	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT2_3 24096	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT2_4 24097	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT3_1 24098	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT3_2 24099	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT3_3 24100	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT3_4 24101	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT4_1 24102	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT4_2 24103	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT4_3 24104	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00

ASTORIA_GT4_4 24105	33.23 1.50 0.00	29.75 1.43 0.00	17.15 0.82 0.00	18.06 0.95 0.00	20.49 1.13 0.00	31.62 1.37 1.24	32.01 1.60 5.85	32.34 2.32 16.53	31.99 1.90 2.55	31.01 1.96 -0.77	31.73 2.14 -1.38	53.46 2.35 -22.04	49.24 2.20 -19.65	39.59 2.05 -11.52	30.20 1.68 -7.62	30.55 1.99 -3.29	49.25 2.08 -18.28	58.43 2.54 -19.75	39.97 2.41 0.00	69.78 3.47 0.00	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA_GT_1 23523	33.27 1.54 0.00	29.79 1.46 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.52 1.17 0.00	31.67 1.41 1.24	32.07 1.66 5.85	32.41 2.40 16.53	32.06 1.97 2.55	31.06 2.01 -0.77	31.78 2.19 -1.38	53.52 2.41 -22.04	49.30 2.26 -19.65	39.64 2.10 -11.52	30.24 1.72 -7.62	30.60 2.03 -3.29	49.30 2.14 -18.28	58.51 2.61 -19.75	40.04 2.48 0.00	69.90 3.59 0.00	139.25 5.47 0.00	53.26 2.73 0.00	41.40 2.46 0.00	31.84 2.16 0.00
ASTORIA_GT_10 24110	33.37 1.63 0.00	29.87 1.54 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.95 0.00	49.35 2.81 0.00	34.80 2.15 0.00	31.27 2.08 -0.91	32.16 2.28 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.20 2.14 -14.04	31.07 1.74 -8.42	31.34 2.07 -4.01	53.38 2.21 -22.29	62.93 2.71 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA_GT_11 24225	33.37 1.63 0.00	29.87 1.54 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.95 0.00	49.35 2.81 0.00	34.80 2.15 0.00	31.27 2.08 -0.91	32.16 2.28 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.20 2.14 -14.04	31.07 1.74 -8.42	31.34 2.07 -4.01	53.38 2.21 -22.29	62.93 2.71 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA_GT_12 24226	33.37 1.63 0.00	29.87 1.54 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.95 0.00	49.35 2.81 0.00	34.80 2.15 0.00	31.27 2.08 -0.91	32.16 2.28 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.20 2.14 -14.04	31.07 1.74 -8.42	31.34 2.07 -4.01	53.38 2.21 -22.29	62.93 2.71 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA_GT_13 24227	33.37 1.63 0.00	29.87 1.54 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.95 0.00	49.35 2.81 0.00	34.80 2.15 0.00	31.27 2.08 -0.91	32.16 2.28 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.20 2.14 -14.04	31.07 1.74 -8.42	31.34 2.07 -4.01	53.38 2.21 -22.29	62.93 2.71 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA_GT_5 24106	33.27 1.54 0.00	29.79 1.46 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.52 1.17 0.00	31.67 1.41 1.24	32.07 1.66 5.85	32.41 2.40 16.53	32.06 1.97 2.55	31.06 2.01 -0.77	31.78 2.19 -1.38	53.52 2.41 -22.04	49.30 2.26 -19.65	39.64 2.10 -11.52	30.24 1.72 -7.62	30.60 2.03 -3.29	49.30 2.14 -18.28	58.51 2.61 -19.75	40.04 2.48 0.00	69.90 3.59 0.00	139.25 5.47 0.00	53.26 2.73 0.00	41.40 2.46 0.00	31.84 2.16 0.00
ASTORIA_GT_7 24107	33.27 1.54 0.00	29.79 1.46 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.52 1.17 0.00	31.67 1.41 1.24	32.07 1.66 5.85	32.41 2.40 16.53	32.06 1.97 2.55	31.06 2.01 -0.77	31.78 2.19 -1.38	53.52 2.41 -22.04	49.30 2.26 -19.65	39.64 2.10 -11.52	30.24 1.72 -7.62	30.60 2.03 -3.29	49.30 2.14 -18.28	58.51 2.61 -19.75	40.04 2.48 0.00	69.90 3.59 0.00	139.25 5.47 0.00	53.26 2.73 0.00	41.40 2.46 0.00	31.84 2.16 0.00
ASTORIA_GT_8 24108	33.27 1.54 0.00	29.79 1.46 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.52 1.17 0.00	31.67 1.41 1.24	32.07 1.66 5.85	32.41 2.40 16.53	32.06 1.97 2.55	31.06 2.01 -0.77	31.78 2.19 -1.38	53.52 2.41 -22.04	49.30 2.26 -19.65	39.64 2.10 -11.52	30.24 1.72 -7.62	30.60 2.03 -3.29	49.30 2.14 -18.28	58.51 2.61 -19.75	40.04 2.48 0.00	69.90 3.59 0.00	139.25 5.47 0.00	53.26 2.73 0.00	41.40 2.46 0.00	31.84 2.16 0.00
ASTORIA___2 24149	33.23 1.49 0.00	29.75 1.42 0.00	17.14 0.82 0.01	18.05 0.95 0.01	20.48 1.13 0.01	31.61 1.37 1.25	32.01 1.60 5.85	32.33 2.32 16.53	31.99 1.90 2.56	30.90 1.85 -0.77	31.64 2.06 -1.38	53.26 2.15 -22.04	49.04 2.00 -19.65	39.43 1.88 -11.52	30.15 1.63 -7.61	30.33 1.76 -3.29	49.05 1.89 -18.28	58.20 2.31 -19.75	39.97 2.41 0.00	69.77 3.46 0.01	138.98 5.20 0.00	53.18 2.65 0.00	41.34 2.40 0.00	31.80 2.13 0.00
ASTORIA___3 23516	33.37 1.63 0.00	29.87 1.54 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.94 0.00	49.34 2.80 0.00	34.79 2.15 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.37 2.42 -26.88	53.60 2.26 -23.96	42.17 2.10 -14.04	31.06 1.72 -8.42	31.29 2.02 -4.01	53.34 2.17 -22.29	62.88 2.66 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA___4 23517	33.37 1.63 0.00	29.87 1.54 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.95 0.00	49.35 2.81 0.00	34.80 2.15 0.00	31.27 2.08 -0.91	32.16 2.28 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.20 2.14 -14.04	31.07 1.74 -8.42	31.34 2.07 -4.01	53.38 2.21 -22.29	62.93 2.71 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
ASTORIA___5 23518	33.37 1.63 0.00	29.87 1.54 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.94 0.00	49.34 2.80 0.00	34.79 2.15 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.37 2.42 -26.88	53.60 2.26 -23.96	42.17 2.10 -14.04	31.06 1.72 -8.42	31.29 2.02 -4.01	53.34 2.17 -22.29	62.88 2.66 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
AST_ENERGY_2_CC3 323677	33.22 1.48 0.00	29.71 1.39 0.00	17.02 0.71 0.01	17.94 0.83 0.01	20.35 1.00 0.01	31.39 1.14 1.25	31.70 1.29 5.85	31.89 1.88 16.53	31.82 1.73 2.56	31.04 2.02 -0.75	31.80 2.21 -1.38	53.51 2.40 -22.04	49.29 2.26 -19.65	39.63 2.09 -11.51	29.53 1.71 -6.91	30.61 2.06 -3.29	49.34 2.18 -18.28	58.55 2.66 -19.74	39.06 2.35 0.85	35.98 2.74 33.08	83.55 3.85 54.08	52.98 2.45 0.00	41.20 2.26 0.00	31.67 1.99 0.00
AST_ENERGY_2_CC4 323678	33.22 1.48 0.00	29.71 1.39 0.00	17.02 0.71 0.01	17.94 0.83 0.01	20.35 1.00 0.01	31.39 1.14 1.25	31.70 1.29 5.85	31.89 1.88 16.53	31.82 1.73 2.56	31.04 2.02 -0.75	31.80 2.21 -1.38	53.51 2.40 -22.04	49.29 2.26 -19.65	39.63 2.09 -11.51	29.53 1.71 -6.91	30.61 2.06 -3.29	49.34 2.18 -18.28	58.55 2.66 -19.74	39.06 2.35 0.85	35.98 2.74 33.08	83.55 3.85 54.08	52.98 2.45 0.00	41.20 2.26 0.00	31.67 1.99 0.00

ATHENS_STG_1 23668	32.20 0.46 0.00	28.85 0.52 0.00	16.74 0.41 0.00	17.58 0.47 0.00	19.90 0.55 0.00	32.05 0.55 0.00	36.80 0.54 0.00	47.32 0.78 0.00	33.26 0.62 0.00	28.90 0.62 0.00	28.88 0.67 0.00	29.80 0.73 0.00	28.08 0.69 0.00	26.68 0.65 0.00	21.45 0.54 0.00	25.94 0.67 0.00	29.53 0.65 0.00	36.88 0.74 0.00	38.23 0.67 0.00	67.37 1.06 0.00	134.99 1.20 0.00	51.24 0.71 0.00	39.65 0.72 0.00	30.44 0.76 0.00
ATHENS_STG_2 23670	32.20 0.46 0.00	28.85 0.52 0.00	16.74 0.41 0.00	17.58 0.47 0.00	19.90 0.55 0.00	32.05 0.55 0.00	36.80 0.54 0.00	47.32 0.78 0.00	33.26 0.62 0.00	28.90 0.62 0.00	28.88 0.67 0.00	29.80 0.73 0.00	28.08 0.69 0.00	26.68 0.65 0.00	21.45 0.54 0.00	25.94 0.67 0.00	29.53 0.65 0.00	36.88 0.74 0.00	38.23 0.67 0.00	67.37 1.06 0.00	134.99 1.20 0.00	51.24 0.71 0.00	39.65 0.72 0.00	30.44 0.76 0.00
ATHENS_STG_3 23677	32.20 0.46 0.00	28.85 0.52 0.00	16.74 0.41 0.00	17.58 0.47 0.00	19.90 0.55 0.00	32.05 0.55 0.00	36.80 0.54 0.00	47.32 0.78 0.00	33.26 0.62 0.00	28.90 0.62 0.00	28.88 0.67 0.00	29.80 0.73 0.00	28.08 0.69 0.00	26.68 0.65 0.00	21.45 0.54 0.00	25.94 0.67 0.00	29.53 0.65 0.00	36.88 0.74 0.00	38.23 0.67 0.00	67.37 1.06 0.00	134.99 1.20 0.00	51.24 0.71 0.00	39.65 0.72 0.00	30.44 0.76 0.00
AUBURN____LFGE 323710	31.52 -0.22 0.00	28.13 -0.20 0.00	16.28 -0.04 0.00	17.04 -0.07 0.00	19.22 -0.14 0.00	31.46 -0.05 0.00	36.22 -0.05 0.00	46.18 -0.36 0.00	32.43 -0.22 0.00	28.22 -0.05 0.00	27.88 -0.33 0.00	28.60 -0.46 0.00	26.83 -0.56 0.00	25.61 -0.42 0.00	20.62 -0.29 0.00	24.96 -0.31 0.00	28.51 -0.37 0.00	35.78 -0.36 0.00	37.62 0.06 0.00	66.60 0.29 0.00	133.96 0.18 0.00	50.45 -0.07 0.00	38.83 -0.11 0.00	29.65 -0.03 0.00
BABYLON_RES_REC 323704	42.72 2.36 -8.62	30.46 2.13 0.00	19.65 1.38 -1.95	18.60 1.49 0.00	21.11 1.76 0.00	34.01 2.51 0.00	38.87 2.61 0.00	49.91 3.37 0.00	35.67 2.46 -0.57	35.67 2.45 -4.94	37.12 2.85 -6.07	40.27 3.02 -8.18	30.52 2.71 -0.43	27.69 2.37 0.71	27.79 1.89 -4.99	31.01 2.08 -3.67	41.41 2.15 -10.38	49.69 2.18 -11.37	49.77 1.45 -10.77	76.90 2.37 -8.21	147.35 2.90 -10.66	61.96 1.93 -9.51	54.92 2.61 -13.38	48.55 2.33 -16.55
BALL_HILL_WT_PWR 323825	29.87 -1.87 0.00	26.62 -1.71 0.00	15.52 -0.80 0.00	16.14 -0.97 0.00	18.25 -1.11 0.00	30.56 -0.93 0.00	35.34 -0.93 0.00	45.10 -1.44 0.00	31.43 -1.21 0.00	26.90 -0.84 0.54	27.37 -0.84 0.00	27.63 -1.11 0.33	26.28 -1.10 0.00	25.06 -0.97 0.00	17.77 -0.79 2.35	14.53 -0.99 9.75	27.40 -1.31 0.17	34.93 -1.22 0.00	36.87 -0.69 0.00	65.60 0.29 0.00	131.27 -2.51 0.00	48.80 -1.72 0.00	37.23 -1.70 0.00	28.29 -1.38 0.00
BARON_WINDS____WT_PWR 323822	30.30 -1.44 0.00	26.88 -1.44 0.00	15.67 -0.65 0.00	16.38 -0.73 0.00	18.51 -0.84 0.00	30.45 -1.04 0.00	35.43 -0.83 0.00	45.45 -1.09 0.00	31.55 -1.10 0.00	24.35 -1.01 2.92	26.97 -1.24 0.00	25.78 -1.50 1.79	25.97 -1.42 0.00	24.80 -1.23 0.00	7.12 -1.02 12.77	-28.79 -1.15 52.90	26.67 -1.26 0.95	34.96 -1.18 0.00	37.00 -0.56 0.00	66.08 -0.23 0.00	132.72 -1.07 0.00	49.72 -0.81 0.00	38.13 -0.81 0.00	28.86 -0.81 0.00
BARRETT_IC_1 23704	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_10 23701	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_11 23702	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_12 23703	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_2 23705	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_3 23706	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_4 23707	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_5 23708	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00

BARRETT_IC_6 23709	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_7 23710	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.65 2.15 0.00	38.44 2.17 0.00	49.36 2.82 0.00	34.72 2.08 0.00	30.41 2.18 0.06	36.41 2.53 -5.68	37.95 2.74 -6.14	28.38 2.49 1.50	27.51 2.29 0.80	22.30 1.85 0.46	27.17 2.14 0.25	29.70 2.22 1.39	37.15 2.51 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.06 0.00	41.22 2.29 0.00	31.76 2.09 0.00
BARRETT_IC_8 23711	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT_IC_9 23700	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT___1 23545	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BARRETT___2 23546	41.83 1.98 -8.11	30.18 1.85 0.00	19.49 1.19 -1.98	18.42 1.31 0.00	20.90 1.54 0.00	33.63 2.14 0.00	38.44 2.17 0.00	49.35 2.81 0.00	34.72 2.07 0.00	30.39 2.17 0.06	36.42 2.54 -5.68	37.98 2.77 -6.14	28.38 2.50 1.50	27.52 2.29 0.80	22.31 1.86 0.46	27.16 2.13 0.25	29.71 2.23 1.39	37.10 2.46 1.50	39.45 1.89 0.00	69.28 2.97 0.00	137.12 3.34 0.00	52.58 2.05 0.00	41.22 2.29 0.00	31.76 2.08 0.00
BATAVIA___115KV_TB1 55881	30.50 -1.24 0.00	27.21 -1.12 0.00	15.77 -0.55 0.00	16.39 -0.72 0.00	18.53 -0.83 0.00	30.98 -0.52 0.00	35.90 -0.37 0.00	45.81 -0.73 0.00	31.83 -0.81 0.00	27.23 -0.78 0.27	27.23 -0.98 0.00	27.67 -1.24 0.16	26.20 -1.19 0.00	24.95 -1.07 0.00	19.00 -0.74 1.18	19.50 -0.89 4.88	27.50 -1.29 0.09	34.80 -1.34 0.00	36.72 -0.84 0.00	65.81 -0.50 0.00	132.61 -1.17 0.00	49.36 -1.16 0.00	37.69 -1.25 0.00	28.84 -0.84 0.00
BAYONEEC___CTG1 323682	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG10 323750	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG2 323683	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG3 323684	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG4 323685	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG5 323686	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG6 323687	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG7 323688	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00

BAYONEEC___CTG8 323689	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BAYONEEC___CTG9 323749	33.30 1.57 0.00	29.80 1.47 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.23 1.73 0.00	38.26 1.99 0.00	49.37 2.83 0.00	34.77 2.12 0.00	31.13 2.05 -0.81	31.95 2.25 -1.49	54.65 2.45 -23.13	50.09 2.30 -20.40	44.16 2.12 -16.02	30.33 1.71 -7.71	30.88 2.06 -3.56	49.49 2.22 -18.39	58.61 2.72 -19.74	40.06 2.50 0.00	70.30 3.99 0.00	139.70 5.92 0.00	53.11 2.59 0.00	41.29 2.35 0.00	31.72 2.05 0.00
BEACON___LESR 323632	32.27 0.53 0.00	28.92 0.59 0.00	16.82 0.50 0.00	17.64 0.53 0.00	19.97 0.62 0.00	32.21 0.71 0.00	36.99 0.73 0.00	47.55 1.01 0.00	33.40 0.75 0.00	28.88 0.60 0.00	28.76 0.55 0.00	29.78 0.71 0.00	27.98 0.59 0.00	26.53 0.51 0.00	21.30 0.39 0.00	25.92 0.65 0.00	29.52 0.65 0.00	36.92 0.77 0.00	38.49 0.93 0.00	67.91 1.60 0.00	136.00 2.22 0.00	51.50 0.98 0.00	39.72 0.78 0.00	30.53 0.85 0.00
BEAVER RIVER___HYD 24048	31.86 0.12 0.00	28.28 -0.05 0.00	16.12 -0.20 0.00	16.81 -0.30 0.00	18.93 -0.43 0.00	31.34 -0.16 0.00	36.13 -0.14 0.00	46.20 -0.34 0.00	32.24 -0.41 0.00	28.05 -0.22 0.00	28.01 -0.19 0.00	28.71 -0.36 0.00	26.89 -0.49 0.00	25.25 -0.77 0.00	20.00 -0.91 0.00	23.73 -1.54 0.00	27.18 -1.70 0.00	34.38 -1.76 0.00	36.39 -1.17 0.00	66.37 0.05 0.00	135.72 1.94 0.00	51.42 0.90 0.00	39.39 0.46 0.00	29.85 0.17 0.00
BEEBEE_GT_13 23619	30.56 -1.18 0.00	27.28 -1.05 0.00	15.78 -0.54 0.00	16.45 -0.66 0.00	18.59 -0.76 0.00	30.81 -0.69 0.00	35.58 -0.69 0.00	45.48 -1.06 0.00	31.80 -0.84 0.00	27.61 -0.67 0.00	27.46 -0.75 0.00	28.16 -0.91 0.00	26.52 -0.87 0.00	25.25 -0.78 0.00	20.35 -0.56 0.00	24.57 -0.70 0.00	28.01 -0.86 0.00	35.21 -0.93 0.00	36.98 -0.58 0.00	65.62 -0.69 0.00	131.80 -1.98 0.00	49.23 -1.30 0.00	37.70 -1.24 0.00	28.82 -0.85 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.61 1.88 0.00	30.06 1.73 0.00	17.43 1.10 0.00	18.35 1.24 0.00	20.81 1.46 0.00	33.44 1.94 0.00	38.53 2.27 0.00	49.72 3.18 0.00	35.08 2.43 0.00	31.50 2.30 -0.91	32.42 2.53 -1.68	58.67 2.72 -26.88	53.89 2.54 -23.96	51.91 2.40 -23.49	33.60 1.93 -10.76	31.57 2.29 -4.01	53.62 2.46 -22.29	63.27 3.06 -24.08	40.53 2.97 0.00	71.06 4.73 -0.02	141.22 7.44 0.00	53.73 3.21 0.00	41.77 2.83 0.00	32.07 2.40 0.00
BETHLEHEM___GRP 23843	31.77 0.04 0.00	28.51 0.18 0.00	16.59 0.27 0.00	17.41 0.31 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.17 0.10 0.00	27.46 0.08 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.66 0.10 0.00	66.34 0.03 0.00	133.11 -0.67 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
BETHLEHEM___GS1 323560	31.77 0.03 0.00	28.51 0.19 0.00	16.59 0.26 0.00	17.41 0.30 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.16 0.09 0.00	27.46 0.07 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.65 0.10 0.00	66.34 0.03 0.00	133.17 -0.62 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
BETHLEHEM___GS2 323561	31.77 0.03 0.00	28.51 0.19 0.00	16.59 0.26 0.00	17.41 0.30 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.16 0.09 0.00	27.46 0.07 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.65 0.10 0.00	66.34 0.03 0.00	133.17 -0.62 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
BETHLEHEM___GS3 323562	31.77 0.03 0.00	28.51 0.19 0.00	16.59 0.26 0.00	17.41 0.30 0.00	19.66 0.30 0.00	31.57 0.07 0.00	36.26 0.00 0.00	46.62 0.08 0.00	32.81 0.17 0.00	28.41 0.13 0.00	28.27 0.06 0.00	29.16 0.09 0.00	27.46 0.07 0.00	26.10 0.07 0.00	20.97 0.06 0.00	25.43 0.16 0.00	28.98 0.10 0.00	36.18 0.04 0.00	37.65 0.10 0.00	66.34 0.03 0.00	133.17 -0.62 0.00	50.48 -0.05 0.00	39.01 0.08 0.00	30.03 0.35 0.00
BETHLEHEM___STEEL 23779	29.89 -1.85 0.00	26.65 -1.68 0.00	15.49 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.17 0.00	30.42 -1.07 0.00	35.25 -1.01 0.00	44.94 -1.60 0.00	31.37 -1.27 0.00	26.82 -0.94 0.53	27.18 -1.02 0.00	27.44 -1.30 0.32	26.11 -1.28 0.00	24.88 -1.14 0.00	17.75 -0.86 2.30	14.71 -1.04 9.53	27.32 -1.39 0.17	34.69 -1.45 0.00	36.56 -1.00 0.00	65.04 -1.27 0.00	130.42 -3.36 0.00	48.47 -2.06 0.00	37.05 -1.89 0.00	28.32 -1.35 0.00
BETHLHEM_115KV_TB1 79974	31.85 0.11 0.00	28.57 0.24 0.00	16.61 0.29 0.00	17.44 0.33 0.00	19.69 0.34 0.00	31.66 0.16 0.00	36.36 0.09 0.00	46.74 0.20 0.00	32.90 0.25 0.00	28.48 0.20 0.00	28.35 0.14 0.00	29.24 0.17 0.00	27.54 0.15 0.00	26.17 0.15 0.00	21.03 0.12 0.00	25.49 0.22 0.00	29.05 0.17 0.00	36.27 0.12 0.00	37.75 0.19 0.00	66.52 0.21 0.00	133.45 -0.34 0.00	50.62 0.09 0.00	39.12 0.18 0.00	30.09 0.41 0.00
BETHPAGE_CC_5 323564	42.94 2.17 -9.04	30.30 1.97 0.00	19.53 1.27 -1.93	18.50 1.39 0.00	21.00 1.64 0.00	33.82 2.32 0.00	38.69 2.42 0.00	49.68 3.14 0.00	35.15 2.33 -0.18	32.12 2.33 -1.51	36.60 2.70 -5.69	38.62 2.89 -6.66	29.14 2.65 0.89	27.68 2.43 0.77	24.09 1.93 -1.25	28.41 2.15 -0.98	33.43 2.24 -2.31	41.11 2.43 -2.55	42.90 1.82 -3.52	73.12 2.92 -3.89	142.25 3.65 -4.83	57.27 2.18 -4.57	47.64 2.61 -6.10	39.82 2.31 -7.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.00 -1.74 0.00	26.73 -1.59 0.00	15.55 -0.78 0.00	16.15 -0.96 0.00	18.25 -1.10 0.00	30.52 -0.98 0.00	35.37 -0.89 0.00	45.12 -1.42 0.00	31.50 -1.14 0.00	26.96 -0.82 0.50	27.30 -0.91 0.00	27.58 -1.18 0.30	26.23 -1.16 0.00	24.99 -1.04 0.00	17.95 -0.79 2.17	15.35 -0.92 9.00	27.46 -1.26 0.16	34.86 -1.28 0.00	36.72 -0.84 0.00	65.34 -0.97 0.00	130.93 -2.85 0.00	48.66 -1.86 0.00	37.20 -1.74 0.00	28.42 -1.26 0.00
BINGHAMTON___COGEN 23790	31.53 -0.21 0.00	28.14 -0.19 0.00	16.37 0.04 0.00	17.11 0.00 0.00	19.39 0.04 0.00	31.52 0.02 0.00	36.33 0.06 0.00	46.66 0.12 0.00	32.72 0.07 0.00	28.51 0.23 0.00	28.34 0.13 0.01	29.08 0.01 -0.03	27.35 -0.02 0.00	26.00 -0.02 0.00	20.90 -0.01 0.00	25.34 0.07 0.00	28.91 0.03 0.00	36.32 0.18 0.00	37.94 0.38 0.00	67.04 0.73 0.00	134.26 0.47 0.00	50.54 0.02 0.00	38.95 0.02 0.00	29.72 0.04 0.00

BIXINCNT_115KV_LOAD 355685	30.03 -1.71 0.00	26.59 -1.74 0.00	15.56 -0.76 0.00	16.21 -0.90 0.00	18.37 -0.99 0.00	30.64 -0.85 0.00	35.65 -0.62 0.00	45.67 -0.87 0.00	31.90 -0.75 0.00	27.24 -0.71 0.34	27.50 -0.71 0.00	27.73 -1.13 0.21	26.33 -1.05 0.00	25.03 -1.00 0.00	18.39 -1.05 1.48	18.27 -0.88 6.12	27.70 -1.07 0.11	35.11 -1.03 0.00	37.06 -0.50 0.00	66.19 -0.12 0.00	132.44 -1.35 0.00	49.35 -1.17 0.00	37.77 -1.17 0.00	28.66 -1.02 0.00
BLACK RIVER___HYD 24047	32.00 0.26 0.00	28.37 0.04 0.00	16.16 -0.16 0.00	16.82 -0.29 0.00	18.95 -0.40 0.00	31.46 -0.04 0.00	36.20 -0.06 0.00	46.17 -0.37 0.00	32.17 -0.48 0.00	28.17 -0.11 0.00	28.09 -0.12 0.00	28.77 -0.30 0.00	26.81 -0.58 0.00	25.06 -0.97 0.00	19.78 -1.12 0.00	23.37 -1.90 0.00	26.77 -2.10 0.00	33.89 -2.26 0.00	36.11 -1.45 0.00	66.42 0.10 0.00	136.32 2.54 0.00	51.78 1.26 0.00	39.62 0.68 0.00	30.00 0.32 0.00
BLACKRVR_115KV_TB2 79977	31.99 0.26 0.00	28.37 0.04 0.00	16.16 -0.16 0.00	16.82 -0.29 0.00	18.95 -0.40 0.00	31.46 -0.04 0.00	36.20 -0.06 0.00	46.17 -0.37 0.00	32.17 -0.48 0.00	28.17 -0.11 0.00	28.09 -0.12 0.00	28.77 -0.30 0.00	26.81 -0.58 0.00	25.05 -0.97 0.00	19.78 -1.12 0.00	23.38 -1.90 0.00	26.77 -2.10 0.00	33.89 -2.26 0.00	36.11 -1.45 0.00	66.42 0.10 0.00	136.32 2.54 0.00	51.78 1.26 0.00	39.62 0.68 0.00	30.00 0.32 0.00
BLDWN_LI_69_KV_BK4 356085	43.86 2.21 -9.91	30.35 2.02 0.00	19.49 1.28 -1.88	18.52 1.41 0.00	21.02 1.66 0.00	33.86 2.36 0.00	38.72 2.45 0.00	49.79 3.25 0.00	35.02 2.38 0.00	30.62 2.40 0.06	36.36 2.72 -5.43	37.87 2.93 -5.88	28.60 2.71 1.50	27.74 2.51 0.80	22.48 2.04 0.46	27.35 2.33 0.25	29.94 2.46 1.39	37.46 2.82 1.50	39.78 2.22 0.00	69.80 3.49 0.00	138.20 4.42 0.00	53.05 2.53 0.00	41.57 2.64 0.00	31.97 2.30 0.00
BLISS_WT_PWR 323608	29.89 -1.84 0.00	26.41 -1.91 0.00	15.47 -0.85 0.00	16.13 -0.98 0.00	18.28 -1.07 0.00	30.52 -0.98 0.00	35.54 -0.72 0.00	45.59 -0.95 0.00	31.83 -0.82 0.00	27.10 -0.84 0.34	27.40 -0.81 0.00	27.60 -1.26 0.21	26.25 -1.14 0.00	24.94 -1.09 0.00	18.23 -1.20 1.48	18.17 -0.98 6.12	27.62 -1.15 0.11	35.00 -1.14 0.00	37.02 -0.54 0.00	66.22 -0.09 0.00	132.38 -1.40 0.00	49.38 -1.14 0.00	37.77 -1.17 0.00	28.59 -1.09 0.00
BLUESTONE___WT_PWR 323821	32.31 0.57 0.00	28.84 0.51 0.00	16.73 0.41 0.00	17.53 0.42 0.00	20.04 0.69 0.00	32.61 1.12 0.00	37.58 1.31 0.00	48.08 1.54 0.00	33.82 1.17 0.00	29.58 1.30 0.00	28.97 0.76 0.00	29.65 0.59 0.00	27.91 0.52 0.00	26.50 0.48 0.00	21.09 0.18 0.00	25.92 0.65 0.00	29.65 0.77 0.00	37.62 1.48 0.00	39.51 1.95 0.00	69.26 2.94 0.00	138.99 5.20 0.00	52.01 1.49 0.00	39.81 0.88 0.00	30.25 0.58 0.00
BLUE_CIRC_CHEM_DRP 24182	32.16 0.42 0.00	28.82 0.50 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.49 0.00	31.97 0.47 0.00	36.72 0.45 0.00	47.15 0.61 0.00	33.07 0.43 0.00	28.61 0.33 0.00	28.41 0.20 0.00	29.24 0.17 0.00	27.47 0.09 0.00	26.15 0.12 0.00	21.00 0.09 0.00	25.43 0.16 0.00	29.00 0.12 0.00	36.28 0.13 0.00	37.92 0.36 0.00	67.05 0.74 0.00	134.82 1.04 0.00	51.11 0.58 0.00	39.46 0.53 0.00	30.29 0.61 0.00
BOC_GAS_DRP 24189	32.03 0.29 0.00	28.70 0.37 0.00	16.65 0.32 0.00	17.48 0.37 0.00	19.76 0.41 0.00	31.84 0.35 0.00	36.58 0.32 0.00	47.02 0.48 0.00	33.05 0.40 0.00	28.64 0.36 0.00	28.54 0.33 0.00	29.43 0.36 0.00	27.72 0.33 0.00	26.34 0.31 0.00	21.17 0.26 0.00	25.63 0.36 0.00	29.20 0.32 0.00	36.46 0.32 0.00	37.91 0.34 0.00	66.86 0.55 0.00	134.21 0.43 0.00	50.91 0.38 0.00	39.35 0.41 0.00	30.20 0.52 0.00
BOONVILLE_115KV_TB1 79983	32.21 0.47 0.00	28.68 0.36 0.00	16.47 0.15 0.00	17.22 0.11 0.00	19.45 0.09 0.00	31.88 0.38 0.00	36.71 0.45 0.00	47.02 0.47 0.00	32.95 0.30 0.00	28.65 0.36 0.00	28.56 0.36 0.00	29.24 0.17 0.00	27.44 0.06 0.00	25.98 -0.05 0.00	20.76 -0.15 0.00	24.90 -0.37 0.00	28.52 -0.36 0.00	35.95 -0.19 0.00	37.79 0.23 0.00	67.70 1.39 0.00	137.05 3.27 0.00	51.81 1.28 0.00	39.77 0.84 0.00	30.25 0.58 0.00
BORALEX_4TH_BRANCH 23824	32.80 1.07 0.00	29.37 1.05 0.00	17.07 0.75 0.00	17.91 0.80 0.00	20.25 0.89 0.00	32.50 1.00 0.00	37.29 1.03 0.00	48.26 1.71 0.00	33.75 1.10 0.00	28.98 0.70 0.00	28.61 0.41 0.00	29.49 0.42 0.00	27.73 0.34 0.00	26.31 0.28 0.00	21.12 0.21 0.00	25.80 0.53 0.00	29.36 0.48 0.00	36.63 0.49 0.00	38.31 0.75 0.00	68.02 1.70 0.00	136.92 3.14 0.00	51.84 1.32 0.00	40.08 1.14 0.00	30.87 1.19 0.00
BOWLINE___1 23526	32.94 1.20 0.00	29.49 1.16 0.00	17.12 0.80 0.00	18.03 0.92 0.00	20.43 1.08 0.00	32.87 1.37 0.00	37.85 1.58 0.00	48.78 2.24 0.00	34.26 1.62 0.00	29.85 1.57 0.00	30.02 1.81 0.00	31.04 1.97 0.00	29.26 1.87 0.00	27.72 1.70 0.00	22.28 1.38 0.00	26.94 1.66 0.00	30.67 1.80 0.00	38.37 2.23 0.00	39.62 2.06 0.00	69.58 3.27 0.00	138.64 4.86 0.00	52.66 2.14 0.00	40.94 2.00 0.00	31.41 1.73 0.00
BOWLINE___2 23595	32.94 1.20 0.00	29.49 1.16 0.00	17.12 0.80 0.00	18.03 0.92 0.00	20.44 1.08 0.00	32.87 1.37 0.00	37.85 1.58 0.00	48.78 2.24 0.00	34.27 1.62 0.00	29.85 1.57 0.00	30.02 1.81 0.00	31.04 1.97 0.00	29.26 1.87 0.00	27.72 1.70 0.00	22.29 1.38 0.00	26.94 1.66 0.00	30.67 1.80 0.00	38.37 2.23 0.00	39.62 2.06 0.00	69.58 3.27 0.00	138.64 4.86 0.00	52.66 2.14 0.00	40.94 2.00 0.00	31.41 1.73 0.00
BRADY___115KV_TB2 356060	32.26 0.52 0.00	28.74 0.41 0.00	16.39 0.07 0.00	17.17 0.06 0.00	19.36 0.01 0.00	31.82 0.32 0.00	36.96 0.70 0.00	47.26 0.72 0.00	32.88 0.24 0.00	28.33 0.06 0.00	28.34 0.13 0.00	29.30 0.23 0.00	27.64 0.25 0.00	26.26 0.24 0.00	21.06 0.15 0.00	25.26 -0.01 0.00	28.83 -0.05 0.00	36.07 -0.07 0.00	37.42 -0.14 0.00	66.67 0.36 0.00	136.42 2.64 0.00	51.45 0.93 0.00	39.41 0.47 0.00	29.71 0.04 0.00
BRANSCOMB___SOLAR 323811	32.81 1.08 0.00	29.33 1.00 0.00	17.02 0.69 0.00	17.85 0.74 0.00	20.21 0.85 0.00	32.56 1.06 0.00	37.47 1.20 0.00	48.30 1.76 0.00	33.78 1.13 0.00	29.06 0.78 0.00	28.83 0.62 0.00	29.70 0.64 0.00	27.92 0.53 0.00	26.50 0.48 0.00	21.26 0.35 0.00	25.94 0.66 0.00	29.73 0.85 0.00	37.25 1.11 0.00	38.95 1.40 0.00	69.13 2.82 0.00	139.07 5.29 0.00	52.59 2.06 0.00	40.50 1.56 0.00	31.03 1.36 0.00
BRDGHMPT_69_KV_BK1 55812	43.44 3.72 -7.99	31.61 3.28 0.00	20.36 2.05 -1.99	19.31 2.20 0.00	21.86 2.51 0.00	35.40 3.90 0.00	40.48 4.21 0.00	52.02 5.48 0.00	44.75 3.89 -8.21	104.40 3.80 -72.33	44.98 4.22 -12.55	70.63 4.47 -37.09	57.78 4.01 -26.39	30.09 3.60 -0.46	102.34 2.77 -78.66	84.95 3.14 -56.54	201.45 3.21 -169.35	225.28 3.99 -185.16	195.09 3.10 -154.43	176.48 5.73 -104.43	281.60 9.83 -137.99	174.85 4.16 -120.16	215.22 3.63 -172.66	243.27 3.15 -210.45

BRENTWOD_69_KV_W. BRTWOOD 56703	42.34 2.51 -8.09	30.58 2.25 0.00	19.77 1.46 -1.98	18.69 1.59 0.00	21.21 1.85 0.00	34.18 2.68 0.00	38.99 2.72 0.00	50.00 3.46 0.00	36.84 2.48 -1.71	45.83 2.51 -15.04	38.24 2.93 -7.11	44.77 3.11 -12.59	34.41 2.71 -4.32	28.02 2.53 0.54	39.04 2.09 -16.04	39.26 2.40 -11.59	65.57 2.48 -34.22	76.27 2.71 -37.43	71.79 1.72 -32.51	93.69 3.11 -24.26	169.77 4.40 -31.59	80.88 2.30 -28.06	81.23 2.68 -39.62	80.93 2.37 -48.89
BRISTLHL_115KV_TB1 79998	30.98 -0.75 0.00	27.65 -0.68 0.00	15.97 -0.35 0.00	16.72 -0.39 0.00	18.93 -0.43 0.00	30.83 -0.67 0.00	35.40 -0.87 0.00	45.29 -1.25 0.00	31.82 -0.83 0.00	27.61 -0.67 0.00	27.39 -0.82 0.00	28.13 -0.94 0.00	26.49 -0.89 0.00	25.23 -0.80 0.00	20.27 -0.64 0.00	24.53 -0.74 0.00	28.02 -0.86 0.00	35.14 -1.01 0.00	36.71 -0.85 0.00	64.96 -1.36 0.00	130.87 -2.91 0.00	49.37 -1.16 0.00	38.01 -0.92 0.00	29.08 -0.59 0.00
BROOKHAVEN___DRP 24191	42.62 2.90 -7.98	30.91 2.58 0.00	19.96 1.64 -1.99	18.89 1.78 0.00	21.41 2.06 0.00	34.57 3.06 0.00	39.45 3.19 0.00	50.64 4.09 0.00	43.72 2.92 -8.15	102.97 2.90 -71.78	44.04 3.33 -12.50	69.46 3.53 -36.86	56.69 3.12 -26.18	29.32 2.84 -0.45	101.29 2.31 -78.07	84.03 2.65 -56.11	199.71 2.76 -168.07	223.12 3.22 -183.76	193.47 2.47 -153.45	175.21 4.17 -104.73	278.16 6.19 -138.19	174.06 2.98 -120.56	214.93 3.05 -172.94	243.44 2.73 -211.03
BROOKLYN_NAVY_YARD 23515	33.22 1.48 0.00	29.73 1.41 0.00	17.29 0.97 0.00	18.21 1.10 0.00	20.65 1.30 0.00	33.14 1.64 0.00	38.16 1.90 0.00	49.26 2.72 0.00	34.71 2.06 0.00	31.07 2.04 -0.75	31.84 2.25 -1.38	53.57 2.46 -22.04	49.36 2.33 -19.65	39.67 2.14 -11.51	29.54 1.72 -6.91	30.64 2.08 -3.29	49.39 2.23 -18.28	58.59 2.70 -19.74	40.00 2.44 0.00	70.11 3.80 0.00	139.40 5.62 0.00	53.03 2.50 0.00	41.21 2.28 0.00	31.69 2.02 0.00
BROOKLYN___ARMY_DRP 323595	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
BROOME_2_LFGE 323671	31.53 -0.20 0.00	28.14 -0.18 0.00	16.37 0.04 0.00	17.11 0.00 0.00	19.39 0.04 0.00	31.52 0.02 0.00	36.33 0.06 0.00	46.67 0.12 0.00	32.72 0.07 0.00	28.50 0.22 0.00	28.34 0.13 0.00	29.07 0.00 0.00	27.35 -0.03 0.00	25.99 -0.03 0.00	20.90 -0.01 0.00	25.33 0.06 0.00	28.91 0.03 0.00	36.32 0.18 0.00	37.94 0.38 0.00	67.04 0.73 0.00	134.26 0.48 0.00	50.54 0.02 0.00	38.95 0.02 0.00	29.72 0.04 0.00
BROOME___LFGE 323600	31.53 -0.20 0.00	28.14 -0.18 0.00	16.37 0.04 0.00	17.11 0.00 0.00	19.39 0.04 0.00	31.52 0.02 0.00	36.33 0.06 0.00	46.67 0.12 0.00	32.72 0.07 0.00	28.50 0.22 0.00	28.34 0.13 0.00	29.07 0.00 0.00	27.35 -0.03 0.00	25.99 -0.03 0.00	20.90 -0.01 0.00	25.33 0.06 0.00	28.91 0.03 0.00	36.32 0.18 0.00	37.94 0.38 0.00	67.04 0.73 0.00	134.26 0.48 0.00	50.54 0.02 0.00	38.95 0.02 0.00	29.72 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.47 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.51 0.00	34.47 -1.68 0.00	36.18 -1.38 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
BROWNSV1_27_KV_LOAD 356125	33.58 1.85 0.00	30.04 1.71 0.00	17.44 1.12 0.00	18.37 1.26 0.00	20.83 1.48 0.00	33.48 1.98 0.00	38.58 2.31 0.00	49.81 3.27 0.00	35.09 2.44 0.00	31.35 2.32 -0.75	32.12 2.54 -1.38	53.85 2.74 -22.04	49.61 2.58 -19.65	39.92 2.38 -11.51	29.75 1.93 -6.91	30.86 2.30 -3.29	49.65 2.50 -18.28	58.96 3.08 -19.74	40.43 2.87 0.00	71.00 4.68 0.00	141.10 7.33 0.00	53.61 3.09 0.00	41.65 2.72 0.00	31.99 2.32 0.00
BURROWS___LYONSDAL 23803	32.13 0.40 0.00	28.58 0.25 0.00	16.38 0.06 0.00	17.11 0.00 0.00	19.30 -0.05 0.00	31.74 0.24 0.00	36.55 0.28 0.00	46.80 0.26 0.00	32.76 0.12 0.00	28.48 0.20 0.00	28.42 0.21 0.00	29.09 0.02 0.00	27.30 -0.09 0.00	25.78 -0.24 0.00	20.54 -0.37 0.00	24.56 -0.71 0.00	28.13 -0.74 0.00	35.52 -0.62 0.00	37.40 -0.16 0.00	67.37 1.06 0.00	136.70 2.92 0.00	51.72 1.19 0.00	39.68 0.74 0.00	30.15 0.48 0.00
CAITHNESS_CC_1 323624	42.48 2.76 -7.98	30.80 2.47 0.00	19.89 1.58 -1.99	18.82 1.71 0.00	21.34 1.98 0.00	34.41 2.91 0.00	39.30 3.03 0.00	50.40 3.86 0.00	43.50 2.77 -8.09	102.32 2.75 -71.29	43.87 3.21 -12.45	69.13 3.42 -36.65	56.38 3.01 -25.99	29.21 2.74 -0.44	100.68 2.24 -77.53	83.54 2.55 -55.72	198.45 2.67 -166.90	221.63 3.01 -182.48	192.45 2.33 -152.57	175.20 3.93 -104.96	277.78 5.66 -138.34	174.18 2.78 -120.88	215.03 2.94 -173.16	243.81 2.65 -211.49
CALPINE BETH_PAGE_GT4 24209	43.42 2.18 -9.51	30.31 1.98 0.00	19.50 1.27 -1.91	18.50 1.39 0.00	21.00 1.65 0.00	33.83 2.33 0.00	38.70 2.43 0.00	49.73 3.19 0.00	35.15 2.36 -0.14	31.83 2.37 -1.18	36.51 2.71 -5.60	38.42 2.90 -6.46	29.03 2.67 1.02	27.70 2.45 0.78	23.71 1.91 -0.89	28.15 2.16 -0.72	32.65 2.24 -1.53	40.34 2.51 -1.70	42.20 1.86 -2.78	72.34 2.96 -3.07	141.29 3.70 -3.81	56.34 2.21 -3.61	46.39 2.64 -4.81	38.19 2.33 -6.19
CALPINE_BETH_PAGE_GT_4 323586	43.42 2.18 -9.51	30.31 1.98 0.00	19.50 1.27 -1.91	18.50 1.39 0.00	21.00 1.65 0.00	33.83 2.33 0.00	38.70 2.43 0.00	49.73 3.19 0.00	35.15 2.36 -0.14	31.82 2.35 -1.18	36.52 2.72 -5.60	38.44 2.92 -6.46	29.05 2.68 1.02	27.70 2.46 0.78	23.72 1.92 -0.89	28.15 2.15 -0.72	32.66 2.25 -1.53	40.29 2.46 -1.70	42.20 1.86 -2.78	72.34 2.96 -3.07	141.28 3.69 -3.81	56.34 2.21 -3.61	46.39 2.64 -4.81	38.19 2.33 -6.19
CALPINE_BP_GT1 23823	43.42 2.18 -9.51	30.31 1.98 0.00	19.50 1.27 -1.91	18.50 1.39 0.00	21.00 1.65 0.00	33.83 2.33 0.00	38.70 2.43 0.00	49.73 3.19 0.00	35.15 2.36 -0.14	31.82 2.35 -1.18	36.52 2.72 -5.60	38.44 2.92 -6.46	29.05 2.68 1.02	27.70 2.46 0.78	23.72 1.92 -0.89	28.15 2.15 -0.72	32.66 2.25 -1.53	40.29 2.46 -1.70	42.20 1.86 -2.78	72.34 2.96 -3.07	141.28 3.69 -3.81	56.34 2.21 -3.61	46.39 2.64 -4.81	38.19 2.33 -6.19
CALSPAN___DRP 24200	29.89 -1.85 0.00	26.65 -1.68 0.00	15.49 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.17 0.00	30.42 -1.07 0.00	35.25 -1.01 0.00	44.94 -1.60 0.00	31.37 -1.27 0.00	26.82 -0.94 0.53	27.18 -1.02 0.00	27.44 -1.30 0.32	26.11 -1.28 0.00	24.88 -1.14 0.00	17.75 -0.86 2.30	14.71 -1.04 9.53	27.32 -1.39 0.17	34.69 -1.45 0.00	36.56 -1.00 0.00	65.04 -1.27 0.00	130.42 -3.36 0.00	48.47 -2.06 0.00	37.05 -1.89 0.00	28.32 -1.35 0.00

CALVERTON___SOLAR 323806	42.75 3.04 -7.98	31.03 2.70 0.00	20.03 1.71 -1.99	18.96 1.85 0.00	21.49 2.14 0.00	34.69 3.19 0.00	39.63 3.36 0.00	50.86 4.32 0.00	43.90 3.08 -8.18	103.32 3.03 -72.02	44.21 3.49 -12.52	69.72 3.69 -36.96	56.92 3.26 -26.27	29.43 2.95 -0.46	101.63 2.40 -78.33	84.29 2.72 -56.30	200.37 2.87 -168.63	223.81 3.31 -184.36	194.01 2.60 -153.85	175.44 4.44 -104.69	278.80 6.82 -138.20	174.21 3.18 -120.50	215.05 3.17 -172.94	243.46 2.82 -210.96
CANDIGU_WT_PWR 323617	30.30 -1.44 0.00	26.88 -1.44 0.00	15.67 -0.65 0.00	16.38 -0.73 0.00	18.51 -0.84 0.00	30.45 -1.04 0.00	35.43 -0.83 0.00	45.45 -1.09 0.00	31.55 -1.10 0.00	24.35 -1.01 2.92	26.97 -1.24 0.00	25.78 -1.50 1.79	25.97 -1.42 0.00	24.80 -1.23 0.00	7.12 -1.02 12.77	-28.79 -1.15 52.90	26.67 -1.26 0.95	34.96 -1.18 0.00	37.00 -0.56 0.00	66.08 -0.23 0.00	132.72 -1.07 0.00	49.72 -0.81 0.00	38.13 -0.81 0.00	28.86 -0.81 0.00
CARR STREET_E_SYR 24060	31.33 -0.40 0.00	27.96 -0.37 0.00	16.17 -0.15 0.00	16.93 -0.18 0.00	19.16 -0.19 0.00	31.22 -0.28 0.00	35.88 -0.38 0.00	45.95 -0.59 0.00	32.27 -0.37 0.00	28.05 -0.23 0.00	27.85 -0.37 0.00	28.59 -0.47 0.00	26.93 -0.45 0.00	25.63 -0.39 0.00	20.62 -0.29 0.00	24.97 -0.30 0.00	28.53 -0.34 0.00	35.80 -0.34 0.00	37.40 -0.17 0.00	66.08 -0.23 0.00	132.81 -0.97 0.00	50.04 -0.48 0.00	38.52 -0.42 0.00	29.45 -0.23 0.00
CARTHAGE___PAPER 23857	32.12 0.39 0.00	28.50 0.18 0.00	16.24 -0.09 0.00	16.91 -0.20 0.00	19.05 -0.31 0.00	31.59 0.09 0.00	36.41 0.15 0.00	46.48 -0.06 0.00	32.40 -0.25 0.00	28.26 -0.02 0.00	28.20 -0.01 0.00	28.89 -0.18 0.00	27.01 -0.38 0.00	25.28 -0.74 0.00	20.02 -0.89 0.00	23.67 -1.60 0.00	27.12 -1.76 0.00	34.32 -1.82 0.00	36.47 -1.09 0.00	66.81 0.50 0.00	136.92 3.14 0.00	51.94 1.41 0.00	39.76 0.82 0.00	30.09 0.41 0.00
CASSADAGA_WT_PWR 323784	29.66 -2.07 0.00	26.31 -2.02 0.00	15.40 -0.92 0.00	16.08 -1.03 0.00	18.17 -1.18 0.00	30.96 -0.54 0.00	35.75 -0.52 0.00	45.68 -0.86 0.00	31.57 -1.07 0.00	27.28 -0.62 0.38	27.88 -0.33 0.00	28.32 -0.51 0.23	26.84 -0.55 0.00	25.56 -0.47 0.00	18.68 -0.56 1.67	17.64 -0.71 6.92	27.79 -0.96 0.12	35.78 -0.36 0.00	37.89 0.33 0.00	67.43 1.11 0.00	134.75 0.97 0.00	50.05 -0.47 0.00	37.71 -1.23 0.00	28.29 -1.38 0.00
CE_DUNWOOD___DRP 24194	33.15 1.42 0.00	29.66 1.34 0.00	17.22 0.90 0.00	18.13 1.02 0.00	20.55 1.20 0.00	33.05 1.55 0.00	38.04 1.77 0.00	49.03 2.49 0.00	34.48 1.83 0.00	30.08 1.78 -0.02	30.25 1.99 -0.05	32.00 2.17 -0.76	30.10 2.04 -0.68	28.29 1.87 -0.40	22.66 1.52 -0.24	27.20 1.82 -0.11	31.46 1.94 -0.64	39.22 2.39 -0.69	39.76 2.20 0.00	69.82 3.50 0.00	139.10 5.32 0.00	52.85 2.33 0.00	41.08 2.15 0.00	31.54 1.86 0.00
CE_MILLWOOD___DRP 24193	33.06 1.32 0.00	29.60 1.27 0.00	17.19 0.86 0.00	18.10 0.99 0.00	20.51 1.15 0.00	32.98 1.48 0.00	37.95 1.69 0.00	48.93 2.38 0.00	34.40 1.75 0.00	29.99 1.69 -0.02	30.16 1.91 -0.04	31.76 2.08 -0.61	29.88 1.95 -0.54	28.14 1.80 -0.32	22.56 1.46 -0.19	27.10 1.74 -0.09	31.26 1.87 -0.51	38.99 2.30 -0.55	39.69 2.13 0.00	69.71 3.40 0.00	138.90 5.12 0.00	52.76 2.24 0.00	41.01 2.07 0.00	31.48 1.80 0.00
CE_NYC2_DRP 24202	33.39 1.65 0.00	29.88 1.55 0.00	17.33 1.01 0.00	18.25 1.14 0.00	20.70 1.35 0.00	33.23 1.73 0.00	38.26 2.00 0.00	49.39 2.85 0.00	34.83 2.18 0.00	31.30 2.11 -0.91	32.19 2.31 -1.68	58.44 2.49 -26.88	53.68 2.34 -23.96	42.23 2.17 -14.04	31.09 1.76 -8.42	31.37 2.09 -4.01	53.41 2.24 -22.29	62.97 2.76 -24.08	40.14 2.58 0.00	70.36 4.05 0.00	139.97 6.18 0.00	53.25 2.72 0.00	41.38 2.45 0.00	31.80 2.12 0.00
CE_NYC_DRP 24195	33.36 1.62 0.00	29.85 1.52 0.00	17.33 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.77 0.00	38.31 2.04 0.00	49.43 2.89 0.00	34.82 2.18 0.00	31.09 2.09 -0.72	31.83 2.29 -1.33	52.62 2.49 -21.07	48.44 2.34 -18.72	39.96 2.16 -11.78	29.32 1.75 -6.66	30.53 2.09 -3.17	48.40 2.26 -17.26	57.53 2.78 -18.61	40.12 2.56 0.00	70.42 4.10 0.00	139.97 6.18 0.00	53.18 2.66 0.00	41.34 2.40 0.00	31.76 2.09 0.00
CHAFFEE___LFGE 323603	30.09 -1.64 0.00	26.83 -1.50 0.00	15.61 -0.72 0.00	16.21 -0.90 0.00	18.32 -1.03 0.00	30.62 -0.88 0.00	35.50 -0.77 0.00	45.27 -1.27 0.00	31.61 -1.03 0.00	27.11 -0.74 0.43	27.37 -0.84 0.00	27.70 -1.11 0.27	26.30 -1.09 0.00	25.05 -0.98 0.00	18.31 -0.71 1.88	16.62 -0.84 7.81	27.54 -1.19 0.14	34.94 -1.21 0.00	36.81 -0.75 0.00	65.49 -0.82 0.00	131.22 -2.56 0.00	48.78 -1.74 0.00	37.31 -1.63 0.00	28.48 -1.19 0.00
CHATEAUG_35_KV_LOAD 355732	32.23 0.49 0.00	28.72 0.39 0.00	16.43 0.11 0.00	17.21 0.10 0.00	19.39 0.03 0.00	31.74 0.24 0.00	36.74 0.47 0.00	47.18 0.64 0.00	32.99 0.35 0.00	28.40 0.13 0.00	28.39 0.18 0.00	29.32 0.25 0.00	27.69 0.30 0.00	26.31 0.28 0.00	21.14 0.23 0.00	25.31 0.04 0.00	29.25 0.37 0.00	36.54 0.40 0.00	37.86 0.30 0.00	67.06 0.75 0.00	136.17 2.39 0.00	51.10 0.58 0.00	39.07 0.13 0.00	29.47 -0.21 0.00
CHATEAUG_WT_PWR 323614	32.19 0.46 0.00	28.69 0.36 0.00	16.42 0.10 0.00	17.21 0.10 0.00	19.39 0.04 0.00	31.74 0.24 0.00	36.71 0.44 0.00	47.22 0.68 0.00	33.03 0.39 0.00	28.45 0.17 0.00	28.43 0.22 0.00	29.34 0.28 0.00	27.71 0.32 0.00	26.32 0.30 0.00	21.12 0.22 0.00	25.29 0.02 0.00	29.28 0.40 0.00	36.54 0.40 0.00	37.91 0.35 0.00	66.99 0.68 0.00	135.94 2.16 0.00	51.04 0.52 0.00	39.05 0.11 0.00	29.49 -0.19 0.00
CHAT_HIGH_FALL_HYD 323578	32.23 0.49 0.00	28.72 0.39 0.00	16.43 0.11 0.00	17.21 0.10 0.00	19.39 0.03 0.00	31.74 0.24 0.00	36.74 0.47 0.00	47.18 0.64 0.00	32.99 0.35 0.00	28.40 0.13 0.00	28.39 0.18 0.00	29.32 0.25 0.00	27.69 0.30 0.00	26.31 0.28 0.00	21.14 0.23 0.00	25.31 0.04 0.00	29.25 0.37 0.00	36.54 0.40 0.00	37.86 0.30 0.00	67.06 0.75 0.00	136.17 2.39 0.00	51.10 0.58 0.00	39.07 0.13 0.00	29.47 -0.21 0.00
CHAUTAUQUA___LFGE 323629	29.91 -1.82 0.00	26.62 -1.71 0.00	15.56 -0.76 0.00	16.19 -0.92 0.00	18.32 -1.03 0.00	30.81 -0.69 0.00	35.59 -0.68 0.00	45.50 -1.04 0.00	31.58 -1.07 0.00	27.13 -0.68 0.47	27.64 -0.57 0.00	27.98 -0.80 0.29	26.57 -0.81 0.00	25.34 -0.69 0.00	18.21 -0.64 2.05	15.93 -0.85 8.49	27.62 -1.10 0.15	35.34 -0.80 0.00	37.35 -0.21 0.00	66.48 0.17 0.00	132.88 -0.90 0.00	49.39 -1.13 0.00	37.55 -1.39 0.00	28.37 -1.31 0.00
CHERRYST_13_KV_LD 356241	33.44 1.71 0.00	29.93 1.60 0.00	17.38 1.06 0.00	18.31 1.20 0.00	20.77 1.41 0.00	33.37 1.88 0.00	38.44 2.18 0.00	49.60 3.06 0.00	34.95 2.30 0.00	31.19 2.20 -0.71	31.93 2.42 -1.30	52.59 2.62 -20.90	48.47 2.45 -18.63	39.21 2.27 -10.92	29.30 1.83 -6.55	30.58 2.20 -3.12	48.59 2.38 -17.34	57.80 2.93 -18.72	40.27 2.71 0.00	70.67 4.36 0.00	140.48 6.70 0.00	53.36 2.83 0.00	41.46 2.52 0.00	31.86 2.18 0.00

CHESTROR_138KV_BK263 355645	32.83 1.10 0.00	29.37 1.05 0.00	17.05 0.73 0.00	17.94 0.83 0.00	20.32 0.97 0.00	32.71 1.21 0.00	37.65 1.39 0.00	48.48 1.94 0.00	34.06 1.42 0.00	29.64 1.37 0.00	29.76 1.55 0.00	30.78 1.71 0.00	29.01 1.62 0.00	27.49 1.47 0.00	22.08 1.17 0.00	26.68 1.41 0.00	30.40 1.52 0.00	38.06 1.92 0.00	39.38 1.82 0.00	69.22 2.90 0.00	138.16 4.37 0.00	52.44 1.91 0.00	40.71 1.77 0.00	31.20 1.53 0.00
CH_MIDHUDSON___DRP 24192	33.04 1.30 0.00	29.57 1.24 0.00	17.17 0.85 0.00	18.07 0.96 0.00	20.47 1.11 0.00	32.91 1.42 0.00	37.88 1.61 0.00	48.81 2.27 0.00	34.33 1.69 0.00	29.89 1.61 0.00	29.99 1.78 0.00	31.00 1.93 0.00	29.22 1.83 0.00	27.71 1.69 0.00	22.28 1.37 0.00	26.90 1.63 0.00	30.64 1.76 0.00	38.33 2.19 0.00	39.65 2.09 0.00	69.69 3.38 0.00	139.03 5.25 0.00	52.78 2.26 0.00	40.95 2.01 0.00	31.41 1.73 0.00
CH_MISC_IPPS 23765	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.09 1.81 0.00	30.19 1.98 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.09 1.81 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.18 2.66 0.00	41.24 2.31 0.00	31.61 1.93 0.00
CH_RES_BVR_FALLS 23983	31.69 -0.05 0.00	28.19 -0.14 0.00	16.13 -0.19 0.00	16.90 -0.20 0.00	19.10 -0.26 0.00	31.26 -0.24 0.00	35.99 -0.28 0.00	46.41 -0.12 0.00	32.50 -0.14 0.00	28.00 -0.28 0.00	28.15 -0.06 0.00	29.01 -0.06 0.00	27.30 -0.08 0.00	25.86 -0.16 0.00	20.72 -0.18 0.00	25.01 -0.26 0.00	28.62 -0.26 0.00	35.86 -0.28 0.00	37.26 -0.31 0.00	66.15 -0.16 0.00	133.77 -0.01 0.00	50.47 -0.05 0.00	38.84 -0.10 0.00	29.55 -0.13 0.00
CH_RES_NIAGARA 23895	28.98 -2.76 0.00	25.90 -2.43 0.00	15.02 -1.30 0.00	15.60 -1.51 0.00	17.60 -1.76 0.00	29.55 -1.95 0.00	34.16 -2.11 0.00	43.38 -3.16 0.00	30.30 -2.35 0.00	26.02 -1.85 0.41	26.30 -1.91 0.00	26.59 -2.23 0.25	25.26 -2.12 0.00	24.07 -1.96 0.00	17.69 -1.43 1.78	16.04 -1.85 7.38	26.43 -2.32 0.13	33.36 -2.79 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.38 0.00	46.55 -3.98 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
CH_RES_SYRACUSE 23985	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.56 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.57 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.15 0.00	66.14 -0.18 0.00	133.04 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.36 0.00	29.49 -0.19 0.00
CLINTON_WT_PWR 323605	32.19 0.46 0.00	28.69 0.36 0.00	16.42 0.10 0.00	17.21 0.10 0.00	19.39 0.04 0.00	31.74 0.24 0.00	36.71 0.44 0.00	47.22 0.68 0.00	33.03 0.39 0.00	28.45 0.17 0.00	28.43 0.22 0.00	29.34 0.28 0.00	27.71 0.32 0.00	26.32 0.30 0.00	21.12 0.22 0.00	25.29 0.02 0.00	29.28 0.40 0.00	36.54 0.40 0.00	37.91 0.35 0.00	66.99 0.68 0.00	135.94 2.16 0.00	51.04 0.52 0.00	39.05 0.11 0.00	29.49 -0.19 0.00
CLINTON___LFGE 323618	32.54 0.81 0.00	28.99 0.66 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.63 0.28 0.00	32.10 0.60 0.00	37.17 0.90 0.00	47.78 1.24 0.00	33.38 0.73 0.00	28.65 0.37 0.00	28.63 0.42 0.00	29.58 0.51 0.00	27.93 0.55 0.00	26.54 0.51 0.00	21.30 0.39 0.00	25.55 0.28 0.00	29.69 0.81 0.00	37.00 0.86 0.00	38.40 0.84 0.00	67.92 1.60 0.00	137.58 3.80 0.00	51.68 1.15 0.00	39.55 0.61 0.00	29.84 0.17 0.00
COBBLENY_34_KV_TB1 80064	30.08 -1.65 0.00	26.83 -1.50 0.00	15.61 -0.72 0.00	16.21 -0.90 0.00	18.32 -1.04 0.00	30.61 -0.88 0.00	35.50 -0.77 0.00	45.27 -1.27 0.00	31.60 -1.04 0.00	27.11 -0.74 0.43	27.37 -0.84 0.00	27.69 -1.12 0.27	26.30 -1.09 0.00	25.05 -0.98 0.00	18.30 -0.72 1.88	16.61 -0.86 7.81	27.55 -1.18 0.14	34.96 -1.18 0.00	36.81 -0.75 0.00	65.48 -0.83 0.00	131.26 -2.52 0.00	48.77 -1.75 0.00	37.31 -1.63 0.00	28.48 -1.19 0.00
COFFEEN___115KV_TB3 355620	32.09 0.35 0.00	28.46 0.13 0.00	16.22 -0.10 0.00	16.89 -0.22 0.00	19.03 -0.32 0.00	31.57 0.07 0.00	36.34 0.07 0.00	46.27 -0.27 0.00	32.19 -0.46 0.00	28.25 -0.02 0.00	28.15 -0.05 0.00	28.81 -0.25 0.00	26.79 -0.60 0.00	25.02 -1.01 0.00	19.77 -1.14 0.00	23.37 -1.90 0.00	26.76 -2.12 0.00	33.86 -2.28 0.00	36.11 -1.45 0.00	66.55 0.24 0.00	136.84 3.06 0.00	52.00 1.47 0.00	39.77 0.83 0.00	30.10 0.42 0.00
COLDSPRG_115KV_BK1 355956	30.62 -1.11 0.00	27.28 -1.04 0.00	15.95 -0.37 0.00	16.62 -0.49 0.00	18.83 -0.53 0.00	31.55 0.06 0.00	36.50 0.24 0.00	46.80 0.26 0.00	32.54 -0.11 0.00	28.21 0.18 0.24	28.43 0.23 0.00	28.92 0.00 0.15	27.25 -0.14 0.00	25.97 -0.06 0.00	19.73 -0.10 1.07	20.74 -0.10 4.43	28.48 -0.31 0.08	36.28 0.14 0.00	38.16 0.60 0.00	67.84 1.53 0.00	135.62 1.84 0.00	50.44 -0.09 0.00	38.41 -0.53 0.00	29.10 -0.57 0.00
COLONIE_LFGE___ 323577	32.47 0.73 0.00	29.05 0.73 0.00	16.86 0.54 0.00	17.69 0.58 0.00	20.00 0.65 0.00	32.21 0.71 0.00	37.01 0.74 0.00	47.69 1.15 0.00	33.42 0.78 0.00	28.82 0.54 0.00	28.60 0.40 0.00	29.48 0.42 0.00	27.73 0.35 0.00	26.35 0.32 0.00	21.16 0.25 0.00	25.74 0.47 0.00	29.39 0.52 0.00	36.74 0.60 0.00	38.32 0.77 0.00	67.78 1.47 0.00	136.28 2.50 0.00	51.62 1.09 0.00	39.83 0.90 0.00	30.59 0.92 0.00
COOPERNY_115KV_TB1 80082	32.50 0.76 0.00	29.06 0.73 0.00	16.85 0.53 0.00	17.71 0.60 0.00	20.04 0.69 0.00	32.36 0.86 0.00	37.24 0.98 0.00	47.87 1.33 0.00	33.62 0.97 0.00	29.24 0.96 0.00	29.30 1.09 0.00	30.27 1.20 0.00	28.52 1.13 0.00	27.04 1.02 0.00	21.72 0.81 0.00	26.25 0.97 0.00	29.93 1.05 0.00	37.47 1.33 0.00	38.84 1.28 0.00	68.34 2.03 0.00	136.70 2.92 0.00	51.82 1.29 0.00	40.15 1.22 0.00	30.75 1.07 0.00
COPENHAGEN_WT_PWR 323753	31.87 0.14 0.00	28.24 -0.08 0.00	16.07 -0.26 0.00	16.71 -0.40 0.00	18.81 -0.54 0.00	31.27 -0.22 0.00	35.95 -0.32 0.00	45.94 -0.60 0.00	32.04 -0.61 0.00	28.02 -0.26 0.00	27.97 -0.23 0.00	28.67 -0.40 0.00	26.77 -0.61 0.00	25.01 -1.02 0.00	19.68 -1.23 0.00	23.19 -2.08 0.00	26.55 -2.33 0.00	33.65 -2.49 0.00	35.89 -1.67 0.00	66.04 -0.27 0.00	135.61 1.83 0.00	51.49 0.97 0.00	39.39 0.46 0.00	29.85 0.18 0.00
CORNELL_____ 23752	31.96 0.23 0.00	28.49 0.17 0.00	16.51 0.19 0.00	17.27 0.16 0.00	19.56 0.20 0.00	31.88 0.38 0.00	36.73 0.46 0.00	47.05 0.51 0.00	33.05 0.41 0.00	28.98 0.51 -0.19	28.39 0.18 0.00	29.04 -0.13 -0.11	27.18 -0.20 0.00	25.85 -0.18 0.00	21.63 -0.08 -0.80	28.54 0.01 -3.27	29.04 0.10 -0.06	36.55 0.41 0.00	38.40 0.84 0.00	67.95 1.64 0.00	136.50 2.72 0.00	51.42 0.90 0.00	39.56 0.62 0.00	30.14 0.46 0.00

CORONA V_69_KV_TB1 355595	46.85 2.19 -12.93	30.32 1.99 0.00	19.31 1.26 -1.73	18.50 1.39 0.00	20.98 1.62 0.00	33.78 2.28 0.00	38.66 2.39 0.00	49.71 3.17 0.00	34.98 2.33 0.00	30.60 2.38 0.06	35.97 2.67 -5.09	37.45 2.89 -5.50	28.57 2.68 1.50	27.72 2.49 0.80	22.46 2.02 0.46	27.37 2.35 0.25	29.95 2.47 1.39	37.47 2.83 1.50	39.85 2.29 0.00	70.00 3.68 0.00	138.83 5.05 0.00	53.05 2.53 0.00	41.50 2.57 0.00	31.92 2.24 0.00
CORTLAND_115KV_TB3 80093	31.81 0.07 0.00	28.37 0.05 0.00	16.44 0.11 0.00	17.19 0.08 0.00	19.48 0.13 0.00	31.70 0.20 0.00	36.50 0.24 0.00	46.80 0.26 0.00	32.84 0.20 0.00	28.61 0.33 0.00	28.35 0.14 0.00	29.00 -0.07 0.00	27.27 -0.12 0.00	25.92 -0.10 0.00	20.88 -0.03 0.00	25.30 0.03 0.00	28.93 0.05 0.00	36.39 0.25 0.00	38.09 0.53 0.00	67.40 1.09 0.00	135.30 1.52 0.00	51.00 0.47 0.00	39.27 0.33 0.00	29.95 0.28 0.00
COXSACKIE__GT 23611	33.23 1.50 0.00	29.72 1.40 0.00	17.25 0.93 0.00	18.10 0.99 0.00	20.45 1.10 0.00	33.03 1.54 0.00	38.08 1.81 0.00	49.01 2.47 0.00	34.37 1.73 0.00	29.70 1.42 0.00	29.41 1.20 0.00	30.17 1.10 0.00	28.22 0.84 0.00	26.83 0.80 0.00	21.52 0.61 0.00	26.03 0.75 0.00	29.79 0.91 0.00	37.54 1.40 0.00	39.60 2.04 0.00	70.36 4.04 0.00	140.23 6.45 0.00	53.64 3.12 0.00	41.28 2.35 0.00	31.58 1.91 0.00
CPV_VALLEY__CC1 323721	32.65 0.92 0.00	29.22 0.89 0.00	16.96 0.64 0.00	17.84 0.73 0.00	20.19 0.84 0.00	32.51 1.01 0.00	37.41 1.15 0.00	48.10 1.57 0.00	33.79 1.15 0.00	29.42 1.14 0.00	29.53 1.32 0.00	30.51 1.45 0.00	28.76 1.37 0.00	27.26 1.24 0.00	21.92 1.01 0.00	26.48 1.20 0.00	30.17 1.29 0.00	37.74 1.60 0.00	39.05 1.49 0.00	68.64 2.33 0.00	137.03 3.24 0.00	51.99 1.47 0.00	40.37 1.43 0.00	30.95 1.27 0.00
CPV_VALLEY__CC2 323722	32.65 0.92 0.00	29.22 0.89 0.00	16.96 0.64 0.00	17.84 0.73 0.00	20.19 0.84 0.00	32.51 1.01 0.00	37.41 1.15 0.00	48.10 1.57 0.00	33.79 1.15 0.00	29.42 1.14 0.00	29.53 1.32 0.00	30.51 1.45 0.00	28.76 1.37 0.00	27.26 1.24 0.00	21.92 1.01 0.00	26.48 1.20 0.00	30.17 1.29 0.00	37.74 1.60 0.00	39.05 1.49 0.00	68.64 2.33 0.00	137.03 3.24 0.00	51.99 1.47 0.00	40.37 1.43 0.00	30.95 1.27 0.00
CRESCENT__HYD 24018	32.47 0.73 0.00	29.05 0.73 0.00	16.86 0.54 0.00	17.69 0.58 0.00	20.00 0.65 0.00	32.21 0.71 0.00	37.01 0.74 0.00	47.69 1.15 0.00	33.42 0.78 0.00	28.82 0.54 0.00	28.60 0.40 0.00	29.48 0.42 0.00	27.73 0.35 0.00	26.35 0.32 0.00	21.16 0.25 0.00	25.74 0.47 0.00	29.39 0.52 0.00	36.74 0.60 0.00	38.32 0.77 0.00	67.78 1.47 0.00	136.28 2.50 0.00	51.62 1.09 0.00	39.83 0.90 0.00	30.59 0.92 0.00
CRICKET__VALLEY_CC1 323756	32.70 0.96 0.00	29.29 0.96 0.00	17.04 0.72 0.00	17.93 0.82 0.00	20.31 0.96 0.00	32.59 1.09 0.00	37.47 1.21 0.00	48.29 1.74 0.00	33.95 1.30 0.00	29.57 1.29 0.00	29.67 1.46 0.00	30.68 1.61 0.00	28.90 1.51 0.00	27.43 1.41 0.00	22.09 1.18 0.00	26.66 1.39 0.00	30.31 1.44 0.00	37.88 1.74 0.00	39.14 1.58 0.00	68.79 2.47 0.00	137.18 3.39 0.00	52.12 1.60 0.00	40.48 1.54 0.00	31.07 1.40 0.00
CRICKET__VALLEY_CC2 323757	32.70 0.96 0.00	29.29 0.96 0.00	17.04 0.72 0.00	17.93 0.82 0.00	20.31 0.96 0.00	32.59 1.09 0.00	37.47 1.21 0.00	48.29 1.74 0.00	33.95 1.30 0.00	29.57 1.29 0.00	29.67 1.46 0.00	30.68 1.61 0.00	28.90 1.51 0.00	27.43 1.41 0.00	22.09 1.18 0.00	26.66 1.39 0.00	30.31 1.44 0.00	37.88 1.74 0.00	39.14 1.58 0.00	68.79 2.47 0.00	137.18 3.39 0.00	52.12 1.60 0.00	40.48 1.54 0.00	31.07 1.40 0.00
CRICKET__VALLEY_CC3 323758	32.70 0.96 0.00	29.29 0.96 0.00	17.04 0.72 0.00	17.93 0.82 0.00	20.31 0.96 0.00	32.59 1.09 0.00	37.47 1.21 0.00	48.29 1.74 0.00	33.95 1.30 0.00	29.57 1.29 0.00	29.67 1.46 0.00	30.68 1.61 0.00	28.90 1.51 0.00	27.43 1.41 0.00	22.09 1.18 0.00	26.66 1.39 0.00	30.31 1.44 0.00	37.88 1.74 0.00	39.14 1.58 0.00	68.79 2.47 0.00	137.18 3.39 0.00	52.12 1.60 0.00	40.48 1.54 0.00	31.07 1.40 0.00
CRUCIBLE_METL_DRP 24180	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
DAHOWA__HYDRO 323763	32.92 1.18 0.00	29.42 1.09 0.00	17.07 0.75 0.00	17.91 0.80 0.00	20.27 0.91 0.00	32.67 1.17 0.00	37.63 1.36 0.00	48.56 2.02 0.00	33.95 1.31 0.00	29.17 0.89 0.00	28.92 0.71 0.00	29.81 0.74 0.00	28.00 0.62 0.00	26.58 0.56 0.00	21.31 0.40 0.00	26.04 0.77 0.00	29.87 0.99 0.00	37.42 1.28 0.00	39.13 1.58 0.00	69.51 3.19 0.00	139.84 6.06 0.00	52.86 2.34 0.00	40.68 1.75 0.00	31.15 1.48 0.00
DANC__LFGE 323619	31.54 -0.20 0.00	28.06 -0.27 0.00	16.06 -0.26 0.00	16.75 -0.37 0.00	18.88 -0.48 0.00	31.12 -0.38 0.00	35.76 -0.50 0.00	45.71 -0.83 0.00	31.95 -0.69 0.00	27.87 -0.41 0.00	27.80 -0.41 0.00	28.51 -0.56 0.00	26.70 -0.69 0.00	25.11 -0.91 0.00	19.94 -0.97 0.00	23.74 -1.53 0.00	27.15 -1.73 0.00	34.24 -1.90 0.00	36.23 -1.33 0.00	65.67 -0.64 0.00	133.84 0.05 0.00	50.71 0.19 0.00	38.94 0.01 0.00	29.60 -0.08 0.00
DANSKAMMER__1 23586	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.09 1.81 0.00	30.19 1.98 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.09 1.81 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.18 2.66 0.00	41.24 2.31 0.00	31.61 1.93 0.00
DANSKAMMER__2 23589	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.09 1.81 0.00	30.19 1.98 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.09 1.81 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.18 2.66 0.00	41.24 2.31 0.00	31.61 1.93 0.00
DANSKAMMER__3 23590	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.09 1.81 0.00	30.19 1.98 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.09 1.81 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.18 2.66 0.00	41.24 2.31 0.00	31.61 1.93 0.00

DANSKAMMER___4 23591	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.09 1.81 0.00	30.19 1.98 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.09 1.81 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.18 2.66 0.00	41.24 2.31 0.00	31.61 1.93 0.00
DANSKAMMER___DIESEL 23592	33.22 1.48 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.15 1.05 0.00	20.57 1.22 0.00	33.10 1.60 0.00	38.12 1.85 0.00	49.11 2.57 0.00	34.54 1.89 0.00	30.08 1.80 0.00	30.19 1.98 0.00	31.22 2.15 0.00	29.44 2.05 0.00	27.90 1.88 0.00	22.42 1.51 0.00	27.08 1.81 0.00	30.87 1.99 0.00	38.64 2.50 0.00	39.98 2.42 0.00	70.28 3.96 0.00	140.16 6.38 0.00	53.19 2.66 0.00	41.25 2.31 0.00	31.61 1.93 0.00
DARBY___SOLAR 323810	33.11 1.37 0.00	29.57 1.24 0.00	17.18 0.85 0.00	18.02 0.91 0.00	20.39 1.03 0.00	32.84 1.34 0.00	37.90 1.63 0.00	48.94 2.40 0.00	34.15 1.51 0.00	29.23 0.95 0.00	28.90 0.69 0.00	29.78 0.71 0.00	27.95 0.56 0.00	26.53 0.50 0.00	21.22 0.31 0.00	26.06 0.79 0.00	29.87 1.00 0.00	37.30 1.16 0.00	38.99 1.43 0.00	69.20 2.89 0.00	139.21 5.43 0.00	52.64 2.11 0.00	40.53 1.59 0.00	31.05 1.38 0.00
DASHVILLE___HYD 23610	33.17 1.43 0.00	29.68 1.35 0.00	17.23 0.91 0.00	18.13 1.02 0.00	20.55 1.19 0.00	33.05 1.55 0.00	38.05 1.78 0.00	49.04 2.50 0.00	34.48 1.84 0.00	30.04 1.77 0.00	30.18 1.97 0.00	31.21 2.14 0.00	29.42 2.04 0.00	27.90 1.87 0.00	22.41 1.50 0.00	27.03 1.76 0.00	30.78 1.91 0.00	38.56 2.42 0.00	39.90 2.34 0.00	70.14 3.83 0.00	139.84 6.06 0.00	53.11 2.58 0.00	41.21 2.28 0.00	31.59 1.92 0.00
DELAWARE___LFGE 323621	32.28 0.55 0.00	28.85 0.53 0.00	16.71 0.38 0.00	17.52 0.41 0.00	19.85 0.50 0.00	32.20 0.70 0.00	37.07 0.80 0.00	47.55 1.01 0.00	33.41 0.76 0.00	29.04 0.77 0.00	29.00 0.79 0.00	29.85 0.78 0.00	28.09 0.71 0.00	26.68 0.65 0.00	21.43 0.52 0.00	25.93 0.66 0.00	29.59 0.72 0.00	37.08 0.94 0.00	38.60 1.04 0.00	68.09 1.78 0.00	136.52 2.74 0.00	51.65 1.12 0.00	39.86 0.92 0.00	30.46 0.78 0.00
DERFIELD_115KV_TB7 355931	31.67 -0.06 0.00	28.28 -0.05 0.00	16.33 0.01 0.00	17.13 0.02 0.00	19.38 0.03 0.00	31.46 -0.03 0.00	36.18 -0.09 0.00	46.44 -0.10 0.00	32.58 -0.07 0.00	28.23 -0.05 0.00	28.16 -0.05 0.00	29.02 -0.05 0.00	27.32 -0.06 0.00	25.95 -0.08 0.00	20.84 -0.07 0.00	25.22 -0.05 0.00	28.81 -0.06 0.00	36.07 -0.07 0.00	37.53 -0.03 0.00	66.33 0.02 0.00	133.54 -0.24 0.00	50.47 -0.05 0.00	38.94 0.00 0.00	29.74 0.07 0.00
DOGLEVILLE___HYD 23807	31.67 -0.07 0.00	28.34 0.01 0.00	16.49 0.16 0.00	17.36 0.25 0.00	19.72 0.36 0.00	31.57 0.07 0.00	36.15 -0.11 0.00	46.48 -0.06 0.00	32.42 -0.22 0.00	28.06 -0.21 0.00	27.66 -0.54 0.00	28.52 -0.55 0.00	26.80 -0.58 0.00	25.36 -0.67 0.00	20.38 -0.53 0.00	24.80 -0.47 0.00	28.39 -0.49 0.00	35.82 -0.32 0.00	37.66 0.10 0.00	67.08 0.77 0.00	134.55 0.76 0.00	50.82 0.30 0.00	39.35 0.41 0.00	30.20 0.52 0.00
DUNKIRK___115KV_TB_200 55889	29.95 -1.79 0.00	26.65 -1.67 0.00	15.58 -0.74 0.00	16.21 -0.90 0.00	18.34 -1.02 0.00	30.77 -0.73 0.00	35.57 -0.70 0.00	45.48 -1.06 0.00	31.59 -1.06 0.00	27.14 -0.66 0.48	27.62 -0.59 0.00	27.97 -0.81 0.29	26.56 -0.83 0.00	25.31 -0.72 0.00	18.17 -0.65 2.09	15.79 -0.83 8.65	27.64 -1.08 0.15	35.32 -0.82 0.00	37.30 -0.26 0.00	66.35 0.04 0.00	132.66 -1.13 0.00	49.28 -1.24 0.00	37.53 -1.41 0.00	28.39 -1.28 0.00
DUNKIRK___1 23563	29.95 -1.79 0.00	26.65 -1.67 0.00	15.58 -0.74 0.00	16.21 -0.90 0.00	18.34 -1.02 0.00	30.77 -0.73 0.00	35.57 -0.70 0.00	45.48 -1.06 0.00	31.59 -1.06 0.00	27.14 -0.66 0.48	27.62 -0.59 0.00	27.97 -0.81 0.29	26.56 -0.83 0.00	25.31 -0.72 0.00	18.17 -0.65 2.09	15.79 -0.83 8.65	27.64 -1.08 0.15	35.32 -0.82 0.00	37.30 -0.26 0.00	66.35 0.04 0.00	132.66 -1.13 0.00	49.28 -1.24 0.00	37.53 -1.41 0.00	28.39 -1.28 0.00
DUNKIRK___2 23564	29.95 -1.79 0.00	26.65 -1.67 0.00	15.58 -0.74 0.00	16.21 -0.90 0.00	18.34 -1.02 0.00	30.77 -0.73 0.00	35.57 -0.70 0.00	45.48 -1.06 0.00	31.59 -1.06 0.00	27.14 -0.66 0.48	27.62 -0.59 0.00	27.97 -0.81 0.29	26.56 -0.83 0.00	25.31 -0.72 0.00	18.17 -0.65 2.09	15.79 -0.83 8.65	27.64 -1.08 0.15	35.32 -0.82 0.00	37.30 -0.26 0.00	66.35 0.04 0.00	132.66 -1.13 0.00	49.28 -1.24 0.00	37.53 -1.41 0.00	28.39 -1.28 0.00
DUNKIRK___3 23565	29.95 -1.78 0.00	26.69 -1.64 0.00	15.58 -0.74 0.00	16.21 -0.90 0.00	18.33 -1.02 0.00	30.67 -0.83 0.00	35.47 -0.80 0.00	45.33 -1.21 0.00	31.55 -1.10 0.00	27.04 -0.72 0.52	27.50 -0.71 0.00	27.80 -0.95 0.32	26.42 -0.97 0.00	25.18 -0.84 0.00	17.95 -0.70 2.25	15.06 -0.87 9.34	27.54 -1.16 0.17	35.12 -1.02 0.00	37.04 -0.52 0.00	65.87 -0.44 0.00	131.76 -2.02 0.00	48.97 -1.56 0.00	37.37 -1.56 0.00	28.38 -1.30 0.00
DUNKIRK___4 23566	29.95 -1.78 0.00	26.69 -1.64 0.00	15.58 -0.74 0.00	16.21 -0.90 0.00	18.33 -1.02 0.00	30.67 -0.83 0.00	35.47 -0.80 0.00	45.33 -1.21 0.00	31.55 -1.10 0.00	27.04 -0.72 0.52	27.50 -0.71 0.00	27.80 -0.95 0.32	26.42 -0.97 0.00	25.18 -0.84 0.00	17.95 -0.70 2.25	15.06 -0.87 9.34	27.54 -1.16 0.17	35.12 -1.02 0.00	37.04 -0.52 0.00	65.87 -0.44 0.00	131.76 -2.02 0.00	48.97 -1.56 0.00	37.37 -1.56 0.00	28.38 -1.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.22 1.49 0.00	29.73 1.40 0.00	17.26 0.93 0.00	18.17 1.06 0.00	20.59 1.24 0.00	33.11 1.62 0.00	38.11 1.85 0.00	49.13 2.59 0.00	34.57 1.92 0.00	30.13 1.87 0.02	30.26 2.09 0.04	30.76 2.27 0.58	29.00 2.13 0.51	27.69 1.97 0.30	22.32 1.60 0.18	27.09 1.91 0.09	30.44 2.04 0.48	38.11 2.48 0.51	39.86 2.30 0.00	70.00 3.68 0.00	139.32 5.54 0.00	52.97 2.45 0.00	41.17 2.23 0.00	31.61 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.04 1.30 0.00	29.56 1.24 0.00	17.16 0.84 0.00	18.06 0.95 0.00	20.45 1.10 0.00	32.92 1.43 0.00	37.90 1.64 0.00	48.82 2.28 0.00	34.31 1.66 0.00	29.88 1.60 0.00	30.00 1.79 0.00	31.02 1.95 0.00	29.25 1.87 0.00	27.72 1.69 0.00	22.26 1.36 0.00	26.89 1.62 0.00	30.65 1.78 0.00	38.37 2.23 0.00	39.70 2.14 0.00	69.80 3.48 0.00	139.22 5.44 0.00	52.83 2.30 0.00	41.00 2.06 0.00	31.42 1.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.28 1.55 0.00	29.79 1.46 0.00	17.22 0.90 0.00	18.14 1.04 0.00	20.58 1.23 0.00	33.02 1.53 0.00	38.05 1.78 0.00	49.09 2.55 0.00	34.66 2.02 0.00	31.00 1.95 -0.77	31.71 2.13 -1.38	53.41 2.30 -22.04	49.20 2.16 -19.65	39.54 2.00 -11.52	30.15 1.62 -7.62	30.48 1.92 -3.29	49.21 2.06 -18.28	58.39 2.50 -19.75	39.93 2.37 0.00	69.91 3.60 0.00	139.21 5.42 0.00	53.06 2.54 0.00	41.26 2.32 0.00	31.70 2.03 0.00

E179THST_13_KV_LOAD 356214	33.42 1.68 0.00	29.90 1.57 0.00	17.29 0.96 0.00	18.20 1.09 0.00	20.65 1.29 0.00	33.15 1.65 0.00	38.20 1.93 0.00	49.30 2.76 0.00	34.82 2.17 0.00	31.14 2.10 -0.77	31.86 2.27 -1.38	53.57 2.45 -22.04	49.35 2.31 -19.65	39.68 2.14 -11.52	30.25 1.73 -7.62	30.61 2.05 -3.29	49.37 2.21 -18.28	58.57 2.68 -19.75	40.12 2.57 0.00	70.28 3.97 0.00	139.87 6.09 0.00	53.31 2.79 0.00	41.44 2.50 0.00	31.83 2.16 0.00
EAST HAMPTON___GT 23717	43.71 3.99 -7.99	31.83 3.50 0.00	20.48 2.17 -1.99	19.44 2.33 0.00	21.99 2.63 0.00	35.67 4.17 0.00	40.80 4.53 0.00	52.49 5.95 0.00	45.10 4.24 -8.21	104.70 4.09 -72.33	45.30 4.54 -12.55	70.97 4.81 -37.09	58.09 4.31 -26.39	30.30 3.81 -0.46	102.44 2.86 -78.67	84.95 3.13 -56.55	201.33 3.08 -169.37	225.20 3.88 -185.18	194.93 2.93 -154.44	176.56 5.83 -104.42	282.38 10.61 -137.98	175.01 4.34 -120.15	215.07 3.49 -172.64	243.16 3.06 -210.42
EAST RIVER___6 23660	33.36 1.62 0.00	29.85 1.52 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.78 0.00	38.31 2.05 0.00	49.43 2.89 0.00	34.82 2.17 0.00	31.09 2.09 -0.72	31.84 2.30 -1.33	52.89 2.50 -21.32	48.74 2.35 -19.00	39.33 2.17 -11.13	29.34 1.75 -6.68	30.55 2.11 -3.18	48.84 2.29 -17.68	58.03 2.79 -19.10	40.11 2.56 0.00	70.43 4.11 0.00	140.02 6.24 0.00	53.21 2.68 0.00	41.35 2.42 0.00	31.77 2.10 0.00
EAST RIVER___7 23524	33.36 1.62 0.00	29.85 1.52 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.78 0.00	38.31 2.05 0.00	49.43 2.89 0.00	34.82 2.17 0.00	31.09 2.09 -0.72	31.84 2.30 -1.33	52.89 2.50 -21.32	48.74 2.35 -19.00	39.33 2.17 -11.13	29.34 1.75 -6.68	30.55 2.11 -3.18	48.84 2.29 -17.68	58.03 2.79 -19.10	40.11 2.56 0.00	70.43 4.11 0.00	140.02 6.24 0.00	53.21 2.68 0.00	41.35 2.42 0.00	31.77 2.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.15 1.42 0.00	29.66 1.34 0.00	17.22 0.90 0.00	18.13 1.02 0.00	20.55 1.20 0.00	33.05 1.55 0.00	38.04 1.77 0.00	49.03 2.49 0.00	34.48 1.83 0.00	30.08 1.78 -0.02	30.25 1.99 -0.05	32.00 2.17 -0.76	30.10 2.04 -0.68	28.29 1.87 -0.40	22.66 1.52 -0.24	27.20 1.82 -0.11	31.46 1.94 -0.64	39.22 2.39 -0.69	39.76 2.20 0.00	69.82 3.50 0.00	139.10 5.32 0.00	52.85 2.33 0.00	41.08 2.15 0.00	31.54 1.86 0.00
EAST_HAMPTON___DIESEL 23722	43.72 4.00 -7.99	31.83 3.50 0.00	20.48 2.17 -1.99	19.44 2.33 0.00	21.99 2.63 0.00	35.67 4.17 0.00	40.80 4.54 0.00	52.49 5.95 0.00	45.10 4.25 -8.21	104.71 4.10 -72.33	45.31 4.55 -12.55	70.98 4.82 -37.09	58.09 4.31 -26.39	30.30 3.82 -0.46	102.43 2.85 -78.67	84.93 3.11 -56.55	201.34 3.09 -169.37	225.22 3.90 -185.18	194.91 2.91 -154.44	176.51 5.78 -104.42	282.27 10.50 -137.98	174.97 4.30 -120.15	215.07 3.48 -172.64	243.17 3.06 -210.42
EAST_POINT___SOLAR 323840	33.32 1.59 0.00	29.71 1.39 0.00	17.11 0.79 0.00	17.92 0.81 0.00	20.26 0.90 0.00	33.19 1.69 0.00	38.00 1.74 0.00	47.82 1.28 0.00	33.20 0.56 0.00	28.91 0.64 0.00	28.72 0.51 0.00	29.48 0.41 0.00	27.49 0.11 0.00	25.90 -0.13 0.00	20.75 -0.15 0.00	25.38 0.10 0.00	28.77 -0.10 0.00	36.78 0.64 0.00	39.29 1.73 0.00	70.57 4.25 0.00	142.39 8.61 0.00	53.87 3.34 0.00	41.32 2.39 0.00	31.36 1.69 0.00
EAST_PULASKI___ESR 323781	31.23 -0.51 0.00	27.88 -0.45 0.00	16.05 -0.27 0.00	16.77 -0.34 0.00	18.94 -0.41 0.00	30.99 -0.51 0.00	35.60 -0.67 0.00	45.52 -1.02 0.00	31.90 -0.74 0.00	27.76 -0.52 0.00	27.62 -0.59 0.00	28.34 -0.73 0.00	26.61 -0.77 0.00	25.22 -0.80 0.00	20.17 -0.73 0.00	24.26 -1.02 0.00	27.70 -1.18 0.00	34.81 -1.34 0.00	36.56 -1.00 0.00	65.31 -1.00 0.00	132.22 -1.56 0.00	49.98 -0.54 0.00	38.49 -0.45 0.00	29.35 -0.32 0.00
EAST_RIVER___1 323558	33.36 1.62 0.00	29.85 1.52 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.77 0.00	38.31 2.04 0.00	49.43 2.89 0.00	34.82 2.17 0.00	31.08 2.09 -0.71	31.81 2.30 -1.30	52.35 2.50 -20.78	48.25 2.35 -18.52	39.05 2.17 -10.85	29.17 1.75 -6.51	30.47 2.11 -3.10	48.38 2.28 -17.23	57.55 2.79 -18.61	40.11 2.56 0.00	70.42 4.10 0.00	139.96 6.18 0.00	53.18 2.65 0.00	41.34 2.41 0.00	31.76 2.09 0.00
EAST_RIVER___2 323559	33.36 1.62 0.00	29.85 1.52 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.78 0.00	38.31 2.05 0.00	49.43 2.89 0.00	34.82 2.17 0.00	31.09 2.09 -0.72	31.84 2.30 -1.33	52.89 2.50 -21.32	48.74 2.35 -19.00	39.33 2.17 -11.13	29.34 1.75 -6.68	30.55 2.11 -3.18	48.84 2.29 -17.68	58.03 2.79 -19.10	40.11 2.56 0.00	70.43 4.11 0.00	140.02 6.24 0.00	53.21 2.68 0.00	41.35 2.42 0.00	31.77 2.10 0.00
EAST___DELAWARE_HYD 23607	33.56 1.82 0.00	30.00 1.67 0.00	17.42 1.10 0.00	18.32 1.22 0.00	20.76 1.41 0.00	33.50 2.00 0.00	38.57 2.31 0.00	49.64 3.10 0.00	34.82 2.17 0.00	30.29 2.01 0.00	30.35 2.14 0.00	31.49 2.42 0.00	29.73 2.34 0.00	28.00 1.97 0.00	22.31 1.41 0.00	26.93 1.66 0.00	30.76 1.88 0.00	38.62 2.48 0.00	40.09 2.53 0.00	70.59 4.28 0.00	141.06 7.28 0.00	53.44 2.91 0.00	41.41 2.48 0.00	31.69 2.01 0.00
EIGHT_POINT___WT_PWR 323820	30.01 -1.73 0.00	26.55 -1.77 0.00	15.52 -0.80 0.00	16.23 -0.87 0.00	18.34 -1.02 0.00	30.32 -1.18 0.00	35.46 -0.80 0.00	45.39 -1.16 0.00	31.50 -1.14 0.00	28.83 -1.17 -1.72	26.71 -1.50 0.00	28.26 -1.86 -1.05	25.68 -1.71 0.00	24.57 -1.45 0.00	27.22 -1.21 -7.52	54.94 -1.38 -31.05	28.04 -1.40 -0.56	34.80 -1.34 0.00	36.98 -0.58 0.00	66.52 0.21 0.00	133.93 0.15 0.00	50.03 -0.50 0.00	38.13 -0.81 0.00	28.70 -0.98 0.00
ELBRIDGE_115KV_TB2 80188	31.16 -0.58 0.00	27.82 -0.51 0.00	16.08 -0.25 0.00	16.83 -0.28 0.00	19.02 -0.33 0.00	31.05 -0.45 0.00	35.68 -0.59 0.00	45.60 -0.95 0.00	32.01 -0.63 0.00	27.81 -0.47 0.00	27.57 -0.64 0.00	28.33 -0.74 0.00	26.64 -0.75 0.00	25.38 -0.65 0.00	20.42 -0.49 0.00	24.72 -0.55 0.00	28.24 -0.64 0.00	35.41 -0.73 0.00	37.05 -0.51 0.00	65.50 -0.82 0.00	131.82 -1.96 0.00	49.67 -0.85 0.00	38.24 -0.70 0.00	29.24 -0.44 0.00
ELEC_TRO_TEK 24086	46.55 2.04 -12.78	30.19 1.86 0.00	19.25 1.19 -1.74	18.42 1.31 0.00	20.90 1.54 0.00	33.64 2.14 0.00	38.51 2.25 0.00	49.53 2.99 0.00	34.85 2.21 0.00	30.48 2.26 0.06	35.86 2.56 -5.10	37.34 2.76 -5.52	28.44 2.55 1.50	27.59 2.37 0.80	22.36 1.91 0.46	27.24 2.22 0.25	29.79 2.30 1.39	37.27 2.63 1.50	39.61 2.05 0.00	69.56 3.25 0.00	138.01 4.23 0.00	52.76 2.24 0.00	41.29 2.35 0.00	31.76 2.09 0.00
ELLENBURG_WT_PWR 323604	32.19 0.46 0.00	28.69 0.36 0.00	16.42 0.10 0.00	17.21 0.10 0.00	19.39 0.04 0.00	31.74 0.24 0.00	36.71 0.44 0.00	47.22 0.68 0.00	33.03 0.39 0.00	28.45 0.17 0.00	28.43 0.22 0.00	29.34 0.28 0.00	27.71 0.32 0.00	26.32 0.30 0.00	21.12 0.22 0.00	25.29 0.02 0.00	29.28 0.40 0.00	36.54 0.40 0.00	37.91 0.35 0.00	66.99 0.68 0.00	135.94 2.16 0.00	51.04 0.52 0.00	39.05 0.11 0.00	29.49 -0.19 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.70 -2.03 0.00	26.50 -1.82 0.00	15.41 -0.92 0.00	16.01 -1.11 0.00	18.08 -1.28 0.00	30.27 -1.23 0.00	35.06 -1.21 0.00	44.66 -1.87 0.00	31.18 -1.47 0.00	26.63 -1.10 0.55	27.03 -1.17 0.00	27.27 -1.46 0.34	25.96 -1.43 0.00	24.74 -1.29 0.00	17.54 -0.96 2.41	14.10 -1.19 9.99	27.14 -1.56 0.18	34.45 -1.70 0.00	36.30 -1.26 0.00	64.55 -1.76 0.00	129.48 -4.30 0.00	48.10 -2.42 0.00	36.78 -2.16 0.00	28.15 -1.53 0.00
EMPIRE_CC_1 323656	32.07 0.34 0.00	28.75 0.43 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.49 0.00	31.84 0.33 0.00	36.53 0.26 0.00	47.02 0.48 0.00	33.00 0.36 0.00	28.53 0.25 0.00	28.33 0.12 0.00	29.23 0.16 0.00	27.52 0.13 0.00	26.14 0.11 0.00	21.01 0.10 0.00	25.49 0.22 0.00	29.01 0.14 0.00	36.18 0.04 0.00	37.70 0.14 0.00	66.55 0.23 0.00	133.69 -0.09 0.00	50.79 0.27 0.00	39.26 0.32 0.00	30.26 0.58 0.00
EMPIRE_CC_2 323658	32.07 0.34 0.00	28.75 0.43 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.49 0.00	31.84 0.33 0.00	36.53 0.26 0.00	47.02 0.48 0.00	33.00 0.36 0.00	28.53 0.25 0.00	28.33 0.12 0.00	29.23 0.16 0.00	27.52 0.13 0.00	26.14 0.11 0.00	21.01 0.10 0.00	25.49 0.22 0.00	29.01 0.14 0.00	36.18 0.04 0.00	37.70 0.14 0.00	66.55 0.23 0.00	133.69 -0.09 0.00	50.79 0.27 0.00	39.26 0.32 0.00	30.26 0.58 0.00
ENORWICH_115KV_TB1 80156	33.07 1.33 0.00	29.49 1.16 0.00	17.06 0.74 0.00	17.83 0.72 0.00	20.33 0.97 0.00	33.18 1.68 0.00	38.17 1.91 0.00	48.81 2.27 0.00	34.28 1.63 0.00	30.08 1.71 -0.09	29.39 1.18 0.00	29.81 0.69 -0.05	28.03 0.64 0.00	26.47 0.44 0.00	21.64 0.33 -0.40	27.79 0.89 -1.63	30.01 1.11 -0.03	38.15 2.01 0.00	40.37 2.81 0.00	71.27 4.96 0.00	143.48 9.70 0.00	53.88 3.36 0.00	41.28 2.34 0.00	31.33 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	30.20 -1.54 0.00	26.93 -1.40 0.00	15.65 -0.67 0.00	16.26 -0.85 0.00	18.38 -0.97 0.00	30.69 -0.81 0.00	35.59 -0.68 0.00	45.44 -1.10 0.00	31.75 -0.90 0.00	27.24 -0.58 0.47	27.53 -0.68 0.00	27.85 -0.93 0.29	26.42 -0.97 0.00	25.17 -0.85 0.00	18.28 -0.59 2.04	16.17 -0.65 8.45	27.71 -1.02 0.15	35.15 -1.00 0.00	36.98 -0.58 0.00	65.72 -0.60 0.00	131.68 -2.10 0.00	48.92 -1.61 0.00	37.43 -1.51 0.00	28.61 -1.07 0.00
ERIE_WT_PWR 323693	29.91 -1.83 0.00	26.66 -1.66 0.00	15.50 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.16 0.00	30.44 -1.06 0.00	35.28 -0.99 0.00	44.96 -1.59 0.00	31.40 -1.24 0.00	26.81 -0.95 0.53	27.18 -1.03 0.00	27.43 -1.32 0.32	26.09 -1.29 0.00	24.86 -1.16 0.00	17.75 -0.86 2.30	14.71 -1.03 9.53	27.30 -1.40 0.17	34.68 -1.47 0.00	36.58 -0.98 0.00	65.10 -1.21 0.00	130.50 -3.28 0.00	48.54 -1.99 0.00	37.08 -1.86 0.00	28.33 -1.35 0.00
ESPRGFLD_115KV_TB1 80157	32.78 1.04 0.00	29.22 0.90 0.00	16.83 0.51 0.00	17.61 0.50 0.00	19.92 0.56 0.00	32.70 1.21 0.00	37.75 1.49 0.00	48.16 1.62 0.00	33.70 1.05 0.00	29.32 1.04 0.00	29.30 1.09 0.00	30.02 0.95 0.00	28.19 0.80 0.00	26.76 0.73 0.00	21.49 0.58 0.00	25.99 0.72 0.00	29.72 0.85 0.00	37.41 1.27 0.00	39.22 1.66 0.00	69.47 3.15 0.00	139.79 6.01 0.00	52.80 2.28 0.00	40.59 1.66 0.00	30.80 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.92 0.18 0.00	28.47 0.14 0.00	16.49 0.17 0.00	17.25 0.14 0.00	19.54 0.18 0.00	31.84 0.35 0.00	36.68 0.41 0.00	46.98 0.44 0.00	32.99 0.35 0.00	28.90 0.46 -0.15	28.37 0.16 0.00	29.02 -0.14 -0.09	27.19 -0.20 0.00	25.84 -0.18 0.00	21.49 -0.08 -0.67	27.98 -0.01 -2.72	28.99 0.07 -0.05	36.48 0.34 0.00	38.31 0.75 0.00	67.80 1.48 0.00	136.17 2.39 0.00	51.30 0.78 0.00	39.47 0.53 0.00	30.09 0.42 0.00
ETNA____115KV_TB2 80207	31.92 0.18 0.00	28.47 0.14 0.00	16.49 0.17 0.00	17.25 0.14 0.00	19.54 0.18 0.00	31.84 0.35 0.00	36.68 0.41 0.00	46.98 0.44 0.00	32.99 0.35 0.00	28.90 0.46 -0.15	28.37 0.16 0.00	29.02 -0.14 -0.09	27.19 -0.20 0.00	25.84 -0.18 0.00	21.49 -0.08 -0.67	27.98 -0.01 -2.72	28.99 0.07 -0.05	36.48 0.34 0.00	38.31 0.75 0.00	67.80 1.48 0.00	136.17 2.39 0.00	51.30 0.78 0.00	39.47 0.53 0.00	30.09 0.42 0.00
EUCLID___115KV_TB2 356179	31.24 -0.50 0.00	27.87 -0.45 0.00	16.12 -0.21 0.00	16.87 -0.23 0.00	19.10 -0.26 0.00	31.11 -0.39 0.00	35.74 -0.52 0.00	45.77 -0.78 0.00	32.14 -0.51 0.00	27.91 -0.36 0.00	27.73 -0.48 0.00	28.48 -0.59 0.00	26.82 -0.57 0.00	25.53 -0.50 0.00	20.53 -0.38 0.00	24.85 -0.42 0.00	28.40 -0.47 0.00	35.62 -0.52 0.00	37.21 -0.35 0.00	65.75 -0.56 0.00	132.23 -1.55 0.00	49.84 -0.68 0.00	38.37 -0.57 0.00	29.34 -0.34 0.00
E_CANADA_CAP_HY 24051	33.03 1.29 0.00	29.46 1.13 0.00	16.93 0.61 0.00	17.71 0.60 0.00	20.00 0.65 0.00	32.89 1.39 0.00	37.90 1.63 0.00	48.18 1.64 0.00	33.56 0.92 0.00	29.08 0.80 0.00	29.05 0.84 0.00	29.76 0.69 0.00	27.92 0.53 0.00	26.45 0.43 0.00	21.23 0.33 0.00	25.75 0.47 0.00	29.42 0.55 0.00	37.11 0.97 0.00	39.08 1.52 0.00	69.64 3.33 0.00	140.42 6.64 0.00	53.15 2.63 0.00	40.82 1.88 0.00	30.97 1.29 0.00
E_CANADA_MHWK_HY 24050	31.67 -0.07 0.00	28.34 0.01 0.00	16.49 0.16 0.00	17.36 0.25 0.00	19.72 0.36 0.00	31.57 0.07 0.00	36.15 -0.11 0.00	46.48 -0.06 0.00	32.42 -0.22 0.00	28.06 -0.21 0.00	27.66 -0.55 0.00	28.52 -0.55 0.00	26.81 -0.58 0.00	25.36 -0.67 0.00	20.38 -0.53 0.00	24.80 -0.47 0.00	28.39 -0.48 0.00	35.82 -0.32 0.00	37.66 0.10 0.00	67.08 0.77 0.00	134.55 0.77 0.00	50.82 0.30 0.00	39.35 0.41 0.00	30.19 0.52 0.00
E_FISHKILL___LBMP 23776	32.90 1.16 0.00	29.46 1.13 0.00	17.11 0.79 0.00	18.00 0.89 0.00	20.40 1.04 0.00	32.80 1.30 0.00	37.72 1.46 0.00	48.61 2.07 0.00	34.18 1.53 0.00	29.77 1.49 0.00	29.88 1.67 0.00	30.89 1.82 0.00	29.10 1.71 0.00	27.60 1.58 0.00	22.20 1.29 0.00	26.81 1.54 0.00	30.51 1.64 0.00	38.14 2.00 0.00	39.41 1.85 0.00	69.24 2.93 0.00	138.10 4.31 0.00	52.46 1.94 0.00	40.74 1.80 0.00	31.27 1.60 0.00
FALCON___SEABRD_CC1 323796	32.53 0.80 0.00	28.99 0.66 0.00	16.63 0.31 0.00	17.42 0.31 0.00	19.63 0.27 0.00	32.12 0.62 0.00	37.14 0.87 0.00	47.82 1.28 0.00	33.43 0.78 0.00	28.71 0.42 0.00	28.68 0.47 0.00	29.64 0.57 0.00	27.98 0.59 0.00	26.58 0.55 0.00	21.33 0.42 0.00	25.59 0.31 0.00	29.69 0.81 0.00	36.97 0.82 0.00	38.40 0.84 0.00	67.87 1.55 0.00	137.48 3.70 0.00	51.66 1.14 0.00	39.55 0.61 0.00	29.86 0.19 0.00
FALCON___SEABRD_CC2 323797	32.53 0.80 0.00	28.99 0.66 0.00	16.63 0.31 0.00	17.42 0.31 0.00	19.63 0.27 0.00	32.12 0.62 0.00	37.14 0.87 0.00	47.82 1.28 0.00	33.43 0.78 0.00	28.71 0.42 0.00	28.68 0.47 0.00	29.64 0.57 0.00	27.98 0.59 0.00	26.58 0.55 0.00	21.33 0.42 0.00	25.59 0.31 0.00	29.69 0.81 0.00	36.97 0.82 0.00	38.40 0.84 0.00	67.87 1.55 0.00	137.48 3.70 0.00	51.66 1.14 0.00	39.55 0.61 0.00	29.86 0.19 0.00

FAR ROCKAWAY___4 23548	45.99 2.41 -11.85	30.52 2.19 0.00	19.48 1.37 -1.79	18.61 1.50 0.00	21.11 1.75 0.00	34.00 2.50 0.00	38.91 2.65 0.00	50.05 3.51 0.00	35.22 2.57 0.00	30.83 2.61 0.06	36.33 2.90 -5.22	37.85 3.14 -5.65	28.82 2.94 1.50	27.96 2.73 0.80	22.66 2.21 0.46	27.59 2.56 0.25	30.21 2.72 1.39	37.80 3.16 1.50	40.18 2.62 0.00	70.59 4.27 0.00	139.94 6.16 0.00	53.46 2.93 0.00	41.81 2.87 0.00	32.15 2.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.36 1.62 0.00	29.85 1.52 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.28 1.78 0.00	38.32 2.06 0.00	49.44 2.90 0.00	34.83 2.19 0.00	31.12 2.10 -0.75	31.89 2.31 -1.38	53.61 2.50 -22.04	49.38 2.34 -19.65	39.71 2.17 -11.51	29.58 1.76 -6.91	30.65 2.10 -3.29	49.43 2.27 -18.28	58.67 2.78 -19.74	40.13 2.57 0.00	70.43 4.11 0.00	140.02 6.24 0.00	53.20 2.67 0.00	41.35 2.42 0.00	31.77 2.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.36 1.63 0.00	29.86 1.53 0.00	17.35 1.02 0.00	18.27 1.16 0.00	20.72 1.36 0.00	33.29 1.79 0.00	38.33 2.07 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.13 2.11 -0.75	31.90 2.32 -1.38	53.61 2.50 -22.04	49.38 2.35 -19.65	39.71 2.17 -11.51	29.58 1.77 -6.91	30.66 2.10 -3.29	49.43 2.27 -18.28	58.67 2.79 -19.74	40.14 2.58 0.00	70.47 4.16 0.00	140.04 6.25 0.00	53.23 2.70 0.00	41.37 2.43 0.00	31.78 2.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.35 1.61 0.00	29.84 1.52 0.00	17.33 1.01 0.00	18.26 1.15 0.00	20.71 1.36 0.00	33.27 1.77 0.00	38.31 2.04 0.00	49.44 2.90 0.00	34.83 2.18 0.00	31.12 2.09 -0.75	31.88 2.29 -1.38	53.60 2.49 -22.04	49.37 2.34 -19.65	39.69 2.16 -11.51	29.57 1.75 -6.91	30.65 2.09 -3.29	49.41 2.26 -18.28	58.65 2.77 -19.74	40.12 2.56 0.00	70.41 4.10 0.00	139.95 6.17 0.00	53.18 2.66 0.00	41.34 2.40 0.00	31.76 2.09 0.00
FARRAGUT___LBMP 323566	33.33 1.59 0.00	29.81 1.49 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.28 2.01 0.00	49.39 2.85 0.00	34.79 2.14 0.00	31.08 2.06 -0.75	31.84 2.26 -1.38	53.56 2.45 -22.04	49.33 2.30 -19.65	39.66 2.12 -11.51	29.54 1.73 -6.91	30.62 2.06 -3.29	49.38 2.22 -18.28	58.61 2.72 -19.74	40.07 2.51 0.00	70.34 4.02 0.00	139.82 6.04 0.00	53.13 2.61 0.00	41.30 2.36 0.00	31.73 2.06 0.00
FENNER___WINDPWR 24204	32.05 0.31 0.00	28.58 0.25 0.00	16.50 0.18 0.00	17.27 0.16 0.00	19.56 0.20 0.00	31.85 0.35 0.00	36.67 0.40 0.00	46.99 0.45 0.00	33.00 0.35 0.00	28.71 0.43 0.00	28.54 0.33 0.00	29.20 0.13 0.00	27.42 0.03 0.00	26.03 0.01 0.00	20.98 0.07 0.00	25.38 0.11 0.00	29.04 0.16 0.00	36.55 0.41 0.00	38.31 0.75 0.00	67.92 1.60 0.00	136.70 2.92 0.00	51.57 1.04 0.00	39.66 0.72 0.00	30.21 0.54 0.00
FIBERTEK___ENERGY 23856	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
FITZPATRICK___ 23598	30.72 -1.01 0.00	27.44 -0.89 0.00	15.84 -0.48 0.00	16.60 -0.52 0.00	18.78 -0.58 0.00	30.58 -0.92 0.00	35.09 -1.17 0.00	44.90 -1.64 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.34 -1.05 0.00	25.05 -0.97 0.00	20.14 -0.77 0.00	24.36 -0.91 0.00	27.82 -1.05 0.00	34.87 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.04 0.00	129.37 -4.41 0.00	48.79 -1.73 0.00	37.58 -1.36 0.00	28.76 -0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.28 1.54 0.00	29.77 1.44 0.00	17.29 0.96 0.00	18.19 1.08 0.00	20.60 1.25 0.00	33.16 1.66 0.00	38.18 1.92 0.00	49.20 2.66 0.00	34.60 1.96 0.00	30.14 1.87 0.00	30.24 2.03 0.00	31.28 2.21 0.00	29.50 2.11 0.00	27.95 1.93 0.00	22.47 1.56 0.00	27.14 1.87 0.00	30.93 2.06 0.00	38.73 2.59 0.00	40.06 2.51 0.00	70.41 4.10 0.00	140.47 6.69 0.00	53.28 2.76 0.00	41.31 2.38 0.00	31.66 1.99 0.00
FORT ORANGE___ 23900	32.00 0.27 0.00	28.71 0.38 0.00	16.69 0.37 0.00	17.52 0.41 0.00	19.78 0.42 0.00	31.80 0.29 0.00	36.53 0.27 0.00	46.96 0.42 0.00	33.05 0.40 0.00	28.58 0.29 0.00	28.40 0.19 0.00	29.27 0.20 0.00	27.56 0.17 0.00	26.20 0.17 0.00	21.04 0.14 0.00	25.53 0.26 0.00	29.10 0.22 0.00	36.34 0.19 0.00	37.89 0.33 0.00	66.90 0.59 0.00	134.25 0.47 0.00	50.92 0.40 0.00	39.34 0.40 0.00	30.25 0.58 0.00
FORT_DRUM_COGEN 23780	31.99 0.25 0.00	28.37 0.04 0.00	16.16 -0.16 0.00	16.83 -0.28 0.00	18.96 -0.40 0.00	31.46 -0.04 0.00	36.21 -0.06 0.00	46.18 -0.36 0.00	32.18 -0.47 0.00	28.17 -0.11 0.00	28.10 -0.11 0.00	28.77 -0.30 0.00	26.83 -0.56 0.00	25.08 -0.95 0.00	19.81 -1.10 0.00	23.40 -1.87 0.00	26.81 -2.07 0.00	33.93 -2.21 0.00	36.15 -1.41 0.00	66.43 0.12 0.00	136.35 2.57 0.00	51.78 1.25 0.00	39.61 0.68 0.00	30.00 0.32 0.00
FOX_HILLS___ESR 323835	33.48 1.74 0.00	29.95 1.62 0.00	17.37 1.04 0.00	18.29 1.18 0.00	20.74 1.39 0.00	33.31 1.82 0.00	38.39 2.13 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.31 2.12 -0.91	32.22 2.34 -1.68	58.45 2.50 -26.88	53.68 2.34 -23.96	51.71 2.20 -23.49	33.44 1.77 -10.76	31.37 2.09 -4.01	53.40 2.23 -22.29	63.02 2.80 -24.08	40.30 2.74 0.00	70.60 4.26 -0.02	140.29 6.51 0.00	53.42 2.90 0.00	41.57 2.63 0.00	31.92 2.25 0.00
FPL_FAR_ROCK_GT1 24212	45.99 2.41 -11.85	30.51 2.19 0.00	19.48 1.37 -1.79	18.61 1.50 0.00	21.10 1.75 0.00	33.99 2.49 0.00	38.91 2.65 0.00	50.05 3.51 0.00	35.22 2.57 0.00	30.81 2.59 0.06	36.34 2.91 -5.22	37.87 3.16 -5.65	28.84 2.95 1.50	27.96 2.74 0.80	22.66 2.22 0.46	27.57 2.55 0.25	30.22 2.74 1.39	37.74 3.10 1.50	40.18 2.62 0.00	70.59 4.27 0.00	139.94 6.16 0.00	53.47 2.94 0.00	41.81 2.87 0.00	32.15 2.47 0.00
FPL_FAR_ROCK_GT2 23815	45.99 2.41 -11.85	30.51 2.19 0.00	19.48 1.37 -1.79	18.61 1.50 0.00	21.10 1.75 0.00	33.99 2.49 0.00	38.91 2.65 0.00	50.05 3.51 0.00	35.22 2.57 0.00	30.81 2.59 0.06	36.34 2.91 -5.22	37.87 3.16 -5.65	28.84 2.95 1.50	27.96 2.74 0.80	22.66 2.22 0.46	27.57 2.55 0.25	30.22 2.74 1.39	37.74 3.10 1.50	40.18 2.62 0.00	70.59 4.27 0.00	139.94 6.16 0.00	53.47 2.94 0.00	41.81 2.87 0.00	32.15 2.47 0.00
FRANKLIN_FALL_HYD 24054	32.10 0.37 0.00	28.59 0.26 0.00	16.33 0.01 0.00	17.11 0.00 0.00	19.27 -0.08 0.00	31.60 0.10 0.00	36.64 0.37 0.00	47.07 0.53 0.00	32.88 0.24 0.00	28.30 0.02 0.00	28.28 0.08 0.00	29.23 0.16 0.00	27.63 0.24 0.00	26.24 0.21 0.00	21.09 0.19 0.00	25.23 -0.04 0.00	29.06 0.19 0.00	36.39 0.25 0.00	37.72 0.16 0.00	66.85 0.53 0.00	136.00 2.22 0.00	51.11 0.59 0.00	39.07 0.13 0.00	29.42 -0.25 0.00

FREEPORT_EQUS_GT1 23764	44.12 2.25 -10.13	30.38 2.05 0.00	19.50 1.30 -1.87	18.54 1.43 0.00	21.04 1.69 0.00	33.90 2.40 0.00	38.79 2.52 0.00	49.89 3.35 0.00	35.19 2.46 -0.08	31.39 2.44 -0.68	36.47 2.79 -5.47	38.22 3.00 -6.16	28.95 2.78 1.22	27.80 2.57 0.79	23.32 2.08 -0.34	27.93 2.34 -0.32	31.71 2.49 -0.34	39.32 2.78 -0.39	41.43 2.22 -1.64	71.62 3.49 -1.82	140.43 4.39 -2.26	55.20 2.54 -2.14	44.49 2.70 -2.85	35.68 2.34 -3.66
FREEPORT___CT2 23818	44.12 2.25 -10.13	30.38 2.05 0.00	19.50 1.30 -1.87	18.54 1.43 0.00	21.04 1.69 0.00	33.90 2.40 0.00	38.79 2.52 0.00	49.89 3.35 0.00	35.19 2.46 -0.08	31.39 2.44 -0.68	36.47 2.79 -5.47	38.22 3.00 -6.16	28.95 2.78 1.22	27.80 2.57 0.79	23.32 2.08 -0.34	27.93 2.34 -0.32	31.71 2.49 -0.34	39.32 2.78 -0.39	41.43 2.22 -1.64	71.62 3.49 -1.82	140.43 4.39 -2.26	55.20 2.54 -2.14	44.49 2.70 -2.85	35.68 2.34 -3.66
FRESHKLS_33_KV_LOAD 356253	33.52 1.78 0.00	29.99 1.66 0.00	17.39 1.07 0.00	18.31 1.20 0.00	20.77 1.42 0.00	33.37 1.88 0.00	38.46 2.19 0.00	49.51 2.97 0.00	34.91 2.26 0.00	31.25 2.06 -0.91	32.15 2.26 -1.68	54.69 2.38 -23.24	50.02 2.24 -20.40	49.40 2.12 -21.26	31.60 1.68 -9.01	30.82 1.99 -3.56	49.38 2.11 -18.40	59.12 2.68 -20.30	40.27 2.71 0.00	70.46 4.12 -0.02	139.96 6.18 0.00	53.38 2.86 0.00	41.59 2.65 0.00	31.94 2.27 0.00
FULTON COGEN____ 23766	30.98 -0.75 0.00	27.65 -0.68 0.00	15.97 -0.35 0.00	16.72 -0.39 0.00	18.93 -0.43 0.00	30.83 -0.67 0.00	35.40 -0.87 0.00	45.29 -1.25 0.00	31.82 -0.83 0.00	27.61 -0.67 0.00	27.39 -0.82 0.00	28.13 -0.94 0.00	26.49 -0.89 0.00	25.23 -0.80 0.00	20.27 -0.64 0.00	24.53 -0.74 0.00	28.02 -0.86 0.00	35.14 -1.01 0.00	36.71 -0.85 0.00	64.96 -1.36 0.00	130.87 -2.91 0.00	49.37 -1.16 0.00	38.01 -0.92 0.00	29.08 -0.59 0.00
FULTON___LFGE 323630	33.13 1.40 0.00	29.57 1.25 0.00	17.05 0.73 0.00	17.85 0.74 0.00	20.18 0.83 0.00	32.98 1.48 0.00	37.92 1.66 0.00	48.34 1.80 0.00	33.48 0.83 0.00	28.88 0.60 0.00	28.73 0.52 0.00	29.44 0.37 0.00	27.63 0.24 0.00	26.08 0.06 0.00	20.93 0.03 0.00	25.46 0.19 0.00	29.11 0.23 0.00	36.84 0.70 0.00	39.05 1.49 0.00	69.94 3.63 0.00	141.06 7.28 0.00	53.37 2.85 0.00	41.00 2.06 0.00	31.18 1.51 0.00
G.F.CEMENT___DRP 24184	33.12 1.38 0.00	29.57 1.24 0.00	17.18 0.85 0.00	18.02 0.91 0.00	20.39 1.03 0.00	32.84 1.34 0.00	37.91 1.65 0.00	49.02 2.48 0.00	34.25 1.60 0.00	29.36 1.08 0.00	29.07 0.86 0.00	30.03 0.96 0.00	28.17 0.78 0.00	26.74 0.71 0.00	21.41 0.50 0.00	26.26 0.98 0.00	30.17 1.29 0.00	37.77 1.63 0.00	39.48 1.92 0.00	70.27 3.95 0.00	141.39 7.61 0.00	53.37 2.85 0.00	41.03 2.09 0.00	31.39 1.71 0.00
GARDENVILLE___LBMP 24039	29.80 -1.93 0.00	26.58 -1.74 0.00	15.45 -0.87 0.00	16.06 -1.05 0.00	18.14 -1.21 0.00	30.36 -1.14 0.00	35.17 -1.09 0.00	44.84 -1.71 0.00	31.28 -1.37 0.00	26.66 -1.01 0.61	27.11 -1.10 0.00	27.32 -1.38 0.37	26.03 -1.35 0.00	24.82 -1.21 0.00	17.34 -0.91 2.66	13.13 -1.11 11.03	27.21 -1.47 0.20	34.59 -1.55 0.00	36.46 -1.10 0.00	64.88 -1.43 0.00	130.08 -3.70 0.00	48.35 -2.17 0.00	36.96 -1.98 0.00	28.24 -1.43 0.00
GARDNVLA_35_KV_LD 355827	29.95 -1.79 0.00	26.70 -1.63 0.00	15.51 -0.81 0.00	16.12 -0.99 0.00	18.21 -1.14 0.00	30.46 -1.03 0.00	35.31 -0.95 0.00	45.02 -1.52 0.00	31.44 -1.21 0.00	26.91 -0.88 0.49	27.24 -0.97 0.00	27.52 -1.24 0.30	26.17 -1.22 0.00	24.94 -1.09 0.00	17.93 -0.81 2.16	15.32 -0.99 8.97	27.40 -1.32 0.16	34.79 -1.36 0.00	36.66 -0.90 0.00	65.21 -1.10 0.00	130.75 -3.04 0.00	48.57 -1.96 0.00	37.12 -1.82 0.00	28.38 -1.30 0.00
GELCKHM___115KV_LOAD 80723	31.30 -0.44 0.00	27.93 -0.39 0.00	16.15 -0.18 0.00	16.90 -0.20 0.00	19.13 -0.22 0.00	31.17 -0.32 0.00	35.82 -0.45 0.00	45.85 -0.69 0.00	32.19 -0.45 0.00	27.97 -0.31 0.00	27.76 -0.45 0.00	28.51 -0.55 0.00	26.84 -0.55 0.00	25.55 -0.47 0.00	20.55 -0.35 0.00	24.89 -0.38 0.00	28.45 -0.43 0.00	35.67 -0.47 0.00	37.27 -0.29 0.00	65.89 -0.42 0.00	132.55 -1.23 0.00	49.95 -0.57 0.00	38.46 -0.48 0.00	29.40 -0.28 0.00
GENERAL___MILLS 23808	29.89 -1.85 0.00	26.65 -1.68 0.00	15.49 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.17 0.00	30.42 -1.07 0.00	35.25 -1.01 0.00	44.94 -1.60 0.00	31.37 -1.27 0.00	26.82 -0.94 0.53	27.18 -1.02 0.00	27.44 -1.30 0.32	26.11 -1.28 0.00	24.88 -1.14 0.00	17.75 -0.86 2.30	14.71 -1.04 9.53	27.32 -1.39 0.17	34.69 -1.45 0.00	36.56 -1.00 0.00	65.04 -1.27 0.00	130.42 -3.36 0.00	48.47 -2.06 0.00	37.05 -1.89 0.00	28.32 -1.35 0.00
GE_PLASTICS___DRP 24183	32.04 0.30 0.00	28.72 0.39 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.78 0.43 0.00	31.85 0.35 0.00	36.59 0.32 0.00	47.04 0.50 0.00	33.06 0.42 0.00	28.64 0.36 0.00	28.52 0.31 0.00	29.40 0.33 0.00	27.68 0.29 0.00	26.31 0.28 0.00	21.14 0.23 0.00	25.61 0.33 0.00	29.18 0.30 0.00	36.45 0.31 0.00	37.94 0.37 0.00	66.91 0.59 0.00	134.35 0.57 0.00	50.95 0.43 0.00	39.37 0.43 0.00	30.23 0.56 0.00
GILBOA___1 23756	32.13 0.39 0.00	28.76 0.43 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.81 0.45 0.00	31.98 0.48 0.00	36.75 0.48 0.00	47.16 0.62 0.00	33.18 0.53 0.00	28.80 0.52 0.00	28.75 0.54 0.00	29.64 0.58 0.00	27.92 0.54 0.00	26.53 0.50 0.00	21.33 0.41 0.00	25.80 0.53 0.00	29.40 0.52 0.00	36.69 0.55 0.00	38.05 0.49 0.00	67.11 0.80 0.00	134.73 0.94 0.00	51.16 0.63 0.00	39.56 0.62 0.00	30.32 0.65 0.00
GILBOA___2 23757	32.13 0.39 0.00	28.76 0.43 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.81 0.45 0.00	31.98 0.48 0.00	36.75 0.48 0.00	47.16 0.62 0.00	33.18 0.53 0.00	28.80 0.52 0.00	28.75 0.54 0.00	29.64 0.58 0.00	27.92 0.54 0.00	26.53 0.50 0.00	21.33 0.41 0.00	25.80 0.53 0.00	29.40 0.52 0.00	36.69 0.55 0.00	38.05 0.49 0.00	67.11 0.80 0.00	134.73 0.94 0.00	51.16 0.63 0.00	39.56 0.62 0.00	30.32 0.65 0.00
GILBOA___3 23758	32.13 0.39 0.00	28.76 0.43 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.81 0.45 0.00	31.98 0.48 0.00	36.75 0.48 0.00	47.16 0.62 0.00	33.18 0.53 0.00	28.80 0.52 0.00	28.75 0.54 0.00	29.64 0.58 0.00	27.92 0.54 0.00	26.53 0.50 0.00	21.33 0.41 0.00	25.80 0.53 0.00	29.40 0.52 0.00	36.69 0.55 0.00	38.05 0.49 0.00	67.11 0.80 0.00	134.73 0.94 0.00	51.16 0.63 0.00	39.56 0.62 0.00	30.32 0.65 0.00
GILBOA___4 23759	32.13 0.39 0.00	28.76 0.43 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.81 0.45 0.00	31.98 0.48 0.00	36.75 0.48 0.00	47.16 0.62 0.00	33.18 0.53 0.00	28.80 0.52 0.00	28.75 0.54 0.00	29.64 0.58 0.00	27.92 0.54 0.00	26.53 0.50 0.00	21.33 0.41 0.00	25.80 0.53 0.00	29.40 0.52 0.00	36.69 0.55 0.00	38.05 0.49 0.00	67.11 0.80 0.00	134.73 0.94 0.00	51.16 0.63 0.00	39.56 0.62 0.00	30.32 0.65 0.00

GILBOA____ 23599	32.13 0.39 0.00	28.76 0.43 0.00	16.68 0.35 0.00	17.51 0.40 0.00	19.81 0.45 0.00	31.98 0.48 0.00	36.75 0.48 0.00	47.16 0.62 0.00	33.18 0.54 0.00	28.80 0.53 0.00	28.75 0.54 0.00	29.64 0.57 0.00	27.92 0.54 0.00	26.53 0.51 0.00	21.32 0.41 0.00	25.80 0.53 0.00	29.40 0.52 0.00	36.70 0.55 0.00	38.05 0.49 0.00	67.11 0.80 0.00	134.72 0.94 0.00	51.16 0.63 0.00	39.56 0.62 0.00	30.32 0.65 0.00
GINNA____ 23603	29.34 -2.39 0.00	26.18 -2.15 0.00	15.13 -1.19 0.00	15.80 -1.31 0.00	17.86 -1.49 0.00	29.51 -1.99 0.00	34.08 -2.19 0.00	43.60 -2.94 0.00	30.48 -2.16 0.00	26.43 -1.85 0.00	26.28 -1.93 0.00	26.97 -2.09 0.00	25.41 -1.98 0.00	24.19 -1.84 0.00	19.49 -1.42 0.00	23.54 -1.73 0.00	26.86 -2.01 0.00	33.78 -2.36 0.00	35.48 -2.08 0.00	62.93 -3.38 0.00	126.39 -7.40 0.00	47.23 -3.29 0.00	36.17 -2.77 0.00	27.65 -2.03 0.00
GLEN PARK____ 23778	32.03 0.29 0.00	28.40 0.08 0.00	16.19 -0.14 0.00	16.85 -0.26 0.00	18.99 -0.37 0.00	31.51 0.01 0.00	36.26 0.00 0.00	46.18 -0.36 0.00	32.14 -0.51 0.00	28.20 -0.08 0.00	28.10 -0.10 0.00	28.77 -0.30 0.00	26.76 -0.62 0.00	25.00 -1.02 0.00	19.75 -1.16 0.00	23.34 -1.93 0.00	26.73 -2.15 0.00	33.82 -2.32 0.00	36.07 -1.49 0.00	66.43 0.12 0.00	136.55 2.77 0.00	51.88 1.36 0.00	39.69 0.75 0.00	30.04 0.36 0.00
GLENDALE_27_KV_LOAD 356172	33.51 1.77 0.00	29.98 1.65 0.00	17.39 1.06 0.00	18.31 1.20 0.00	20.77 1.42 0.00	33.35 1.85 0.00	38.42 2.15 0.00	49.62 3.08 0.00	34.98 2.34 0.00	31.44 2.24 -0.91	32.33 2.44 -1.68	58.59 2.64 -26.88	53.83 2.48 -23.96	42.37 2.30 -14.04	31.19 1.86 -8.42	31.50 2.22 -4.01	53.55 2.39 -22.29	63.15 2.93 -24.08	40.33 2.77 0.00	70.69 4.38 0.00	140.63 6.85 0.00	53.49 2.97 0.00	41.57 2.63 0.00	31.92 2.25 0.00
GLENWOOD_IC_1_G5 23712	46.23 1.94 -12.55	30.12 1.79 0.00	19.19 1.13 -1.73	18.37 1.26 0.00	20.82 1.47 0.00	33.52 2.02 0.00	38.46 2.20 0.00	49.52 2.98 0.00	34.85 2.21 0.00	30.42 2.20 0.06	35.77 2.47 -5.09	37.25 2.67 -5.51	28.38 2.49 1.50	27.54 2.31 0.80	22.31 1.86 0.46	27.12 2.10 0.25	29.69 2.21 1.39	37.22 2.58 1.50	39.72 2.16 0.00	69.75 3.43 0.00	138.60 4.82 0.00	53.02 2.49 0.00	41.36 2.42 0.00	31.79 2.12 0.00
GLENWOOD_IC_2_G1 23688	35.67 1.72 -2.21	29.92 1.60 0.00	17.50 1.03 -0.14	18.27 1.16 0.00	20.71 1.36 0.00	33.31 1.81 0.00	38.26 2.00 0.00	49.29 2.74 0.00	34.67 2.03 0.00	30.23 2.01 0.06	31.91 2.27 -1.44	33.05 2.46 -1.52	28.19 2.30 1.50	27.33 2.12 0.82	22.15 1.71 0.48	27.03 2.01 0.25	29.63 2.14 1.39	37.15 2.51 1.50	39.74 2.18 0.00	69.80 3.49 0.00	138.79 5.01 0.00	52.87 2.34 0.00	41.21 2.27 0.00	31.66 1.99 0.00
GLENWOOD_IC_3_G1 23689	35.67 1.72 -2.21	29.92 1.60 0.00	17.50 1.03 -0.14	18.27 1.16 0.00	20.71 1.36 0.00	33.31 1.81 0.00	38.26 2.00 0.00	49.29 2.74 0.00	34.67 2.03 0.00	30.23 2.01 0.06	31.91 2.27 -1.44	33.05 2.46 -1.52	28.19 2.30 1.50	27.33 2.12 0.82	22.15 1.71 0.48	27.03 2.01 0.25	29.63 2.14 1.39	37.15 2.51 1.50	39.74 2.18 0.00	69.80 3.49 0.00	138.79 5.01 0.00	52.87 2.34 0.00	41.21 2.27 0.00	31.66 1.99 0.00
GLENWOOD____4 23550	46.23 1.94 -12.55	30.12 1.79 0.00	19.19 1.13 -1.73	18.37 1.26 0.00	20.82 1.47 0.00	33.52 2.02 0.00	38.46 2.20 0.00	49.52 2.98 0.00	34.85 2.21 0.00	30.42 2.20 0.06	35.77 2.47 -5.09	37.25 2.67 -5.51	28.38 2.49 1.50	27.54 2.31 0.80	22.31 1.87 0.46	27.15 2.13 0.25	29.72 2.24 1.39	37.27 2.63 1.50	39.76 2.20 0.00	69.82 3.51 0.00	138.84 5.06 0.00	53.02 2.49 0.00	41.36 2.42 0.00	31.79 2.12 0.00
GLENWOOD____5 23614	46.23 1.94 -12.55	30.12 1.79 0.00	19.19 1.13 -1.73	18.37 1.26 0.00	20.82 1.47 0.00	33.52 2.02 0.00	38.46 2.20 0.00	49.52 2.98 0.00	34.85 2.21 0.00	30.42 2.20 0.06	35.77 2.47 -5.09	37.25 2.67 -5.51	28.38 2.49 1.50	27.54 2.31 0.80	22.31 1.87 0.46	27.15 2.13 0.25	29.72 2.24 1.39	37.27 2.63 1.50	39.76 2.20 0.00	69.82 3.51 0.00	138.84 5.06 0.00	53.02 2.49 0.00	41.36 2.42 0.00	31.79 2.12 0.00
GLOBAL GREEN_PORT_GT1 23814	43.61 3.89 -7.99	31.75 3.42 0.00	20.44 2.13 -1.99	19.39 2.28 0.00	21.95 2.59 0.00	35.56 4.06 0.00	40.68 4.41 0.00	52.31 5.76 0.00	44.98 4.12 -8.21	104.59 3.96 -72.35	45.19 4.43 -12.55	70.85 4.68 -37.10	57.98 4.20 -26.40	30.24 3.75 -0.46	102.46 2.86 -78.69	84.98 3.14 -56.56	201.09 2.81 -169.40	224.84 3.49 -185.21	194.66 2.63 -154.47	176.68 5.96 -104.40	282.28 10.53 -137.96	174.98 4.33 -120.13	214.66 3.10 -172.62	242.85 2.79 -210.39
GLOBE____DSASP 323697	28.88 -2.85 0.00	25.82 -2.50 0.00	14.98 -1.35 0.00	15.56 -1.55 0.00	17.54 -1.82 0.00	29.45 -2.04 0.00	34.04 -2.22 0.00	43.24 -3.31 0.00	30.19 -2.45 0.00	25.93 -1.95 0.40	26.21 -2.00 0.00	26.50 -2.32 0.25	25.17 -2.21 0.00	23.98 -2.04 0.00	17.64 -1.50 1.77	16.02 -1.94 7.32	26.33 -2.42 0.13	33.23 -2.91 0.00	35.01 -2.54 0.00	62.19 -4.12 0.00	124.87 -8.91 0.00	46.37 -4.15 0.00	35.53 -3.41 0.00	27.33 -2.35 0.00
GOETHSLN____LBMP 323567	33.19 1.45 0.00	29.70 1.37 0.00	17.26 0.93 0.00	18.18 1.07 0.00	20.62 1.26 0.00	33.11 1.61 0.00	38.13 1.87 0.00	49.23 2.69 0.00	34.65 2.01 0.00	30.96 1.94 -0.74	31.71 2.14 -1.36	53.25 2.33 -21.86	49.09 2.19 -19.52	38.00 2.00 -9.97	29.11 1.62 -6.58	30.45 1.94 -3.24	49.24 2.10 -18.26	58.49 2.60 -19.74	39.93 2.37 0.00	70.06 3.75 0.00	139.15 5.37 0.00	52.93 2.41 0.00	41.16 2.23 0.00	31.63 1.95 0.00
GOLAH____69_KV_TB 1_2 80279	30.63 -1.10 0.00	27.34 -0.98 0.00	15.82 -0.51 0.00	16.48 -0.63 0.00	18.64 -0.72 0.00	30.93 -0.57 0.00	35.79 -0.48 0.00	45.72 -0.82 0.00	31.90 -0.74 0.00	27.63 -0.66 0.00	27.40 -0.80 0.00	28.08 -0.99 0.00	26.44 -0.95 0.00	25.17 -0.85 0.00	20.30 -0.60 0.00	24.52 -0.75 0.00	27.91 -0.96 0.00	35.11 -1.03 0.00	36.96 -0.60 0.00	65.76 -0.56 0.00	132.34 -1.44 0.00	49.41 -1.12 0.00	37.82 -1.12 0.00	28.90 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	32.52 0.78 0.00	29.03 0.70 0.00	16.78 0.46 0.00	17.59 0.47 0.00	19.92 0.56 0.00	32.44 0.95 0.00	37.41 1.14 0.00	47.91 1.37 0.00	33.64 1.00 0.00	29.28 1.00 0.00	29.24 1.03 0.00	30.04 0.97 0.00	28.23 0.85 0.00	26.82 0.79 0.00	21.53 0.63 0.00	26.05 0.78 0.00	29.77 0.89 0.00	37.38 1.24 0.00	39.01 1.45 0.00	68.88 2.57 0.00	138.22 4.44 0.00	52.22 1.70 0.00	40.24 1.30 0.00	30.65 0.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.57 -0.17 0.00	28.18 -0.15 0.00	16.40 0.07 0.00	17.14 0.03 0.00	19.43 0.07 0.00	31.56 0.06 0.00	36.39 0.12 0.00	46.74 0.20 0.00	32.76 0.11 0.00	28.56 0.28 0.00	28.40 0.19 0.00	29.13 0.06 0.00	27.40 0.01 0.00	26.04 0.02 0.00	20.94 0.03 0.00	25.39 0.12 0.00	28.94 0.07 0.00	36.38 0.24 0.00	38.00 0.44 0.00	67.13 0.81 0.00	134.43 0.65 0.00	50.57 0.05 0.00	38.98 0.05 0.00	29.75 0.07 0.00

GOUDEY___7 23579	31.57 -0.17 0.00	28.18 -0.15 0.00	16.40 0.07 0.00	17.14 0.03 0.00	19.43 0.07 0.00	31.56 0.06 0.00	36.39 0.12 0.00	46.74 0.20 0.00	32.76 0.11 0.00	28.56 0.28 0.00	28.40 0.19 0.00	29.13 0.06 0.00	27.40 0.01 0.00	26.04 0.02 0.00	20.94 0.03 0.00	25.39 0.12 0.00	28.94 0.07 0.00	36.38 0.24 0.00	38.00 0.44 0.00	67.13 0.81 0.00	134.43 0.65 0.00	50.57 0.05 0.00	38.98 0.05 0.00	29.75 0.07 0.00
GOUDEY___8 23580	31.57 -0.17 0.00	28.18 -0.15 0.00	16.40 0.07 0.00	17.14 0.03 0.00	19.43 0.07 0.00	31.56 0.06 0.00	36.39 0.12 0.00	46.74 0.20 0.00	32.76 0.11 0.00	28.56 0.28 0.00	28.40 0.19 0.00	29.13 0.06 0.00	27.40 0.01 0.00	26.04 0.02 0.00	20.94 0.03 0.00	25.39 0.12 0.00	28.94 0.07 0.00	36.38 0.24 0.00	38.00 0.44 0.00	67.13 0.81 0.00	134.43 0.65 0.00	50.57 0.05 0.00	38.98 0.05 0.00	29.75 0.07 0.00
GOWANUS_GT1_1 24077	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_2 24078	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_3 24079	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_4 24080	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_5 24084	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_6 24111	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_7 24112	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT1_8 24113	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_1 24114	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_2 24115	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_3 24116	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_4 24117	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_5 24118	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00

GOWANUS_GT2_6 24119	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_7 24120	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT2_8 24121	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_1 24122	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_2 24123	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_3 24124	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_4 24125	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_5 24126	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_6 24127	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_7 24128	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT3_8 24129	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_1 24130	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_2 24131	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_3 24132	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_4 24133	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00

GOWANUS_GT4_5 24134	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_6 24135	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_7 24136	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GOWANUS_GT4_8 24137	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GREATVRV_69_KV_BK1 356245	42.69 2.80 -8.16	30.82 2.49 0.00	19.90 1.59 -1.98	18.83 1.72 0.00	21.36 2.00 0.00	34.45 2.94 0.00	39.34 3.08 0.00	50.50 3.96 0.00	40.41 2.85 -4.91	74.38 2.83 -43.27	41.21 3.23 -9.77	57.12 3.42 -24.64	45.63 3.04 -15.19	28.82 2.84 0.04	70.14 2.34 -46.90	61.69 2.68 -33.74	132.50 2.82 -100.80	149.56 3.20 -110.22	132.21 2.38 -92.27	130.06 4.11 -59.63	219.38 6.23 -79.38	121.94 2.98 -68.44	141.30 3.15 -99.22	152.56 2.74 -120.14
GREENBSH_115KV_TB3 55895	31.92 0.18 0.00	28.63 0.30 0.00	16.65 0.32 0.00	17.48 0.37 0.00	19.74 0.38 0.00	31.72 0.22 0.00	36.43 0.16 0.00	46.84 0.29 0.00	32.96 0.31 0.00	28.52 0.24 0.00	28.37 0.16 0.00	29.26 0.19 0.00	27.56 0.17 0.00	26.19 0.17 0.00	21.04 0.13 0.00	25.52 0.25 0.00	29.09 0.21 0.00	36.31 0.16 0.00	37.80 0.24 0.00	66.65 0.33 0.00	133.71 -0.07 0.00	50.73 0.20 0.00	39.20 0.26 0.00	30.15 0.47 0.00
GREENDGE_115KV_TB5 80291	31.06 -0.68 0.00	27.64 -0.69 0.00	16.07 -0.26 0.00	16.78 -0.33 0.00	19.00 -0.36 0.00	31.17 -0.33 0.00	36.08 -0.18 0.00	46.28 -0.26 0.00	32.40 -0.25 0.00	28.80 -0.23 -0.75	27.64 -0.57 0.00	28.70 -0.83 -0.45	26.57 -0.81 0.00	25.33 -0.69 0.00	23.68 -0.50 -3.28	38.19 -0.53 -13.45	28.50 -0.61 -0.24	35.57 -0.57 0.00	37.50 -0.06 0.00	66.36 0.05 0.00	132.98 -0.80 0.00	50.17 -0.35 0.00	38.67 -0.27 0.00	29.39 -0.29 0.00
GREENIDGE___3 23582	31.06 -0.68 0.00	27.64 -0.69 0.00	16.07 -0.26 0.00	16.78 -0.33 0.00	19.00 -0.36 0.00	31.17 -0.33 0.00	36.08 -0.18 0.00	46.28 -0.26 0.00	32.40 -0.25 0.00	28.80 -0.23 -0.75	27.64 -0.57 0.00	28.70 -0.83 -0.45	26.57 -0.81 0.00	25.33 -0.69 0.00	23.68 -0.50 -3.28	38.19 -0.53 -13.45	28.50 -0.61 -0.24	35.57 -0.57 0.00	37.50 -0.06 0.00	66.36 0.05 0.00	132.98 -0.80 0.00	50.17 -0.35 0.00	38.67 -0.27 0.00	29.39 -0.29 0.00
GREENIDGE___4 23583	31.06 -0.68 0.00	27.64 -0.69 0.00	16.07 -0.26 0.00	16.78 -0.33 0.00	19.00 -0.35 0.00	31.17 -0.33 0.00	36.09 -0.18 0.00	46.28 -0.26 0.00	32.40 -0.25 0.00	28.80 -0.23 -0.75	27.64 -0.57 0.00	28.70 -0.83 -0.45	26.57 -0.82 0.00	25.33 -0.69 0.00	23.68 -0.50 -3.28	38.18 -0.54 -13.45	28.50 -0.62 -0.24	35.56 -0.58 0.00	37.50 -0.06 0.00	66.36 0.05 0.00	132.98 -0.80 0.00	50.19 -0.33 0.00	38.67 -0.27 0.00	29.39 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	41.96 2.10 -8.13	30.24 1.91 0.00	19.57 1.26 -1.98	18.50 1.39 0.00	20.98 1.62 0.00	33.77 2.27 0.00	38.50 2.23 0.00	49.33 2.79 0.00	32.89 2.05 1.80	14.48 2.13 15.93	34.96 2.59 -4.17	31.20 2.78 0.65	22.18 2.41 7.61	27.12 2.17 1.08	4.90 1.80 17.81	14.60 2.03 12.70	-7.89 2.06 38.83	-3.96 2.33 42.43	7.07 1.65 32.14	63.63 2.54 5.22	126.36 2.88 10.31	47.33 1.76 4.96	28.76 2.11 12.28	21.24 2.04 10.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
GRISSOM___SOLAR 323813	33.12 1.38 0.00	29.57 1.24 0.00	17.06 0.74 0.00	17.86 0.76 0.00	20.20 0.85 0.00	32.95 1.45 0.00	37.85 1.59 0.00	48.31 1.77 0.00	33.40 0.76 0.00	28.78 0.50 0.00	28.58 0.37 0.00	29.32 0.25 0.00	27.51 0.12 0.00	25.95 -0.07 0.00	20.82 -0.09 0.00	25.33 0.06 0.00	28.95 0.08 0.00	36.69 0.55 0.00	38.93 1.37 0.00	69.80 3.49 0.00	140.73 6.95 0.00	53.25 2.73 0.00	40.94 2.01 0.00	31.17 1.50 0.00
GROVEVILLE___HYD 323602	33.28 1.54 0.00	29.77 1.44 0.00	17.29 0.96 0.00	18.19 1.08 0.00	20.60 1.25 0.00	33.16 1.66 0.00	38.18 1.92 0.00	49.20 2.66 0.00	34.60 1.96 0.00	30.14 1.87 0.00	30.24 2.03 0.00	31.28 2.21 0.00	29.50 2.11 0.00	27.95 1.93 0.00	22.47 1.56 0.00	27.14 1.87 0.00	30.93 2.06 0.00	38.73 2.59 0.00	40.06 2.51 0.00	70.41 4.10 0.00	140.47 6.69 0.00	53.28 2.76 0.00	41.31 2.38 0.00	31.66 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
HAMLTNNY_34_KV_TB 80303	31.27 -0.47 0.00	27.91 -0.41 0.00	16.13 -0.19 0.00	16.89 -0.22 0.00	19.09 -0.27 0.00	31.21 -0.29 0.00	35.92 -0.34 0.00	45.91 -0.63 0.00	32.22 -0.42 0.00	27.98 -0.30 0.00	27.69 -0.52 0.00	28.45 -0.62 0.00	26.74 -0.65 0.00	25.48 -0.54 0.00	20.54 -0.36 0.00	24.87 -0.40 0.00	28.40 -0.47 0.00	35.63 -0.51 0.00	37.28 -0.28 0.00	66.03 -0.28 0.00	132.90 -0.88 0.00	50.03 -0.49 0.00	38.46 -0.48 0.00	29.39 -0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.46 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.50 0.00	34.47 -1.67 0.00	36.18 -1.39 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
HARDSCRABBLE_WT_PWR 323673	31.68 -0.06 0.00	28.35 0.02 0.00	16.46 0.14 0.00	17.32 0.20 0.00	19.65 0.30 0.00	31.58 0.08 0.00	36.21 -0.06 0.00	46.53 -0.01 0.00	32.50 -0.15 0.00	28.15 -0.13 0.00	27.81 -0.40 0.00	28.65 -0.42 0.00	26.94 -0.44 0.00	25.51 -0.52 0.00	20.50 -0.40 0.00	24.91 -0.37 0.00	28.50 -0.38 0.00	35.90 -0.24 0.00	37.67 0.11 0.00	66.99 0.68 0.00	134.45 0.67 0.00	50.78 0.25 0.00	39.32 0.38 0.00	30.14 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.07 1.34 0.00	29.60 1.27 0.00	17.17 0.85 0.00	18.07 0.96 0.00	20.48 1.12 0.00	32.97 1.47 0.00	37.98 1.71 0.00	48.95 2.40 0.00	34.39 1.75 0.00	29.96 1.68 0.00	30.11 1.90 0.00	31.16 2.09 0.00	29.39 2.00 0.00	27.83 1.81 0.00	22.37 1.46 0.00	27.04 1.77 0.00	30.82 1.95 0.00	38.60 2.46 0.00	39.93 2.36 0.00	70.14 3.83 0.00	139.84 6.05 0.00	53.03 2.51 0.00	41.15 2.21 0.00	31.54 1.86 0.00
HARSNRAD_115KV_TB1 81005	29.35 -2.39 0.00	26.22 -2.11 0.00	15.22 -1.11 0.00	15.81 -1.30 0.00	17.84 -1.51 0.00	29.93 -1.57 0.00	34.62 -1.64 0.00	44.02 -2.52 0.00	30.70 -1.94 0.00	26.36 -1.52 0.41	26.58 -1.63 0.00	26.88 -1.94 0.25	25.52 -1.87 0.00	24.32 -1.70 0.00	17.91 -1.22 1.78	16.43 -1.48 7.37	26.72 -2.02 0.13	33.78 -2.36 0.00	35.62 -1.94 0.00	63.42 -2.89 0.00	127.37 -6.41 0.00	47.32 -3.20 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
HARZA MOOSE___RIVER 24016	32.13 0.40 0.00	28.58 0.25 0.00	16.38 0.06 0.00	17.11 0.00 0.00	19.30 -0.05 0.00	31.74 0.24 0.00	36.55 0.28 0.00	46.80 0.26 0.00	32.76 0.12 0.00	28.48 0.20 0.00	28.42 0.21 0.00	29.09 0.02 0.00	27.30 -0.09 0.00	25.78 -0.24 0.00	20.54 -0.37 0.00	24.56 -0.71 0.00	28.13 -0.74 0.00	35.52 -0.62 0.00	37.40 -0.16 0.00	67.37 1.06 0.00	136.70 2.92 0.00	51.72 1.19 0.00	39.68 0.74 0.00	30.15 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.31 -0.42 0.00	27.95 -0.38 0.00	16.17 -0.16 0.00	16.92 -0.19 0.00	19.15 -0.20 0.00	31.20 -0.30 0.00	35.86 -0.41 0.00	45.94 -0.60 0.00	32.25 -0.39 0.00	28.03 -0.25 0.00	27.84 -0.37 0.00	28.58 -0.49 0.00	26.93 -0.46 0.00	25.62 -0.40 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.52 -0.36 0.00	35.78 -0.36 0.00	37.37 -0.19 0.00	66.02 -0.29 0.00	132.68 -1.10 0.00	50.01 -0.51 0.00	38.50 -0.44 0.00	29.43 -0.25 0.00
HELLGATE_13_KV_LD 55870	33.58 1.84 0.00	29.99 1.66 0.00	17.38 1.06 0.00	18.30 1.20 0.00	20.78 1.43 0.00	33.36 1.87 0.00	38.42 2.15 0.00	49.63 3.09 0.00	35.02 2.38 0.00	31.47 2.28 -0.91	32.36 2.48 -1.68	58.61 2.66 -26.88	53.85 2.51 -23.96	42.38 2.32 -14.04	31.21 1.88 -8.42	31.51 2.23 -4.01	53.58 2.41 -22.29	63.24 3.02 -24.08	40.36 2.80 0.00	70.75 4.43 0.00	140.77 6.99 0.00	53.47 2.94 0.00	41.59 2.65 0.00	31.94 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.58 1.84 0.00	29.99 1.66 0.00	17.38 1.06 0.00	18.30 1.20 0.00	20.78 1.43 0.00	33.36 1.87 0.00	38.42 2.15 0.00	49.63 3.09 0.00	35.02 2.38 0.00	31.47 2.28 -0.91	32.36 2.48 -1.68	58.61 2.66 -26.88	53.85 2.51 -23.96	42.38 2.32 -14.04	31.21 1.88 -8.42	31.51 2.23 -4.01	53.58 2.41 -22.29	63.24 3.02 -24.08	40.36 2.80 0.00	70.75 4.43 0.00	140.77 6.99 0.00	53.47 2.94 0.00	41.59 2.65 0.00	31.94 2.26 0.00
HEMPSTEAD____ 23647	44.77 1.98 -11.06	30.14 1.81 0.00	19.30 1.16 -1.82	18.39 1.28 0.00	20.86 1.51 0.00	33.59 2.09 0.00	38.47 2.21 0.00	49.48 2.94 0.00	34.82 2.18 0.00	30.42 2.20 0.06	36.02 2.52 -5.29	37.52 2.73 -5.72	28.41 2.53 1.50	27.56 2.33 0.80	22.32 1.87 0.46	27.15 2.12 0.25	29.71 2.23 1.39	37.13 2.49 1.50	39.53 1.97 0.00	69.42 3.10 0.00	137.78 4.00 0.00	52.73 2.20 0.00	41.29 2.35 0.00	31.76 2.08 0.00
HICKLING___1 23621	31.13 -0.61 0.00	27.69 -0.64 0.00	16.17 -0.15 0.00	16.88 -0.23 0.00	19.13 -0.23 0.00	31.25 -0.25 0.00	36.28 0.01 0.00	46.65 0.11 0.00	32.56 -0.09 0.00	28.63 0.02 -0.33	27.94 -0.27 0.00	28.75 -0.46 -0.15	26.92 -0.47 0.00	25.66 -0.36 0.00	21.94 -0.28 -1.32	29.51 -0.23 -4.47	28.73 -0.25 -0.11	36.15 0.00 0.00	38.03 0.47 0.00	67.50 1.19 0.00	135.17 1.39 0.00	50.65 0.12 0.00	38.92 -0.02 0.00	29.51 -0.16 0.00
HICKLING___2 23622	31.13 -0.61 0.00	27.69 -0.64 0.00	16.17 -0.15 0.00	16.88 -0.23 0.00	19.13 -0.23 0.00	31.25 -0.25 0.00	36.28 0.01 0.00	46.65 0.11 0.00	32.56 -0.09 0.00	28.63 0.02 -0.33	27.94 -0.27 0.00	28.75 -0.46 -0.15	26.92 -0.47 0.00	25.66 -0.36 0.00	21.94 -0.28 -1.32	29.51 -0.23 -4.47	28.73 -0.25 -0.11	36.15 0.00 0.00	38.03 0.47 0.00	67.50 1.19 0.00	135.17 1.39 0.00	50.65 0.12 0.00	38.92 -0.02 0.00	29.51 -0.16 0.00
HIGH FALLS___HY 23754	33.43 1.69 0.00	29.88 1.55 0.00	17.34 1.02 0.00	18.25 1.14 0.00	20.68 1.32 0.00	33.31 1.82 0.00	38.38 2.12 0.00	49.47 2.93 0.00	34.71 2.06 0.00	30.23 1.96 0.00	30.35 2.14 0.00	31.49 2.43 0.00	29.76 2.37 0.00	28.14 2.12 0.00	22.50 1.60 0.00	27.12 1.85 0.00	30.94 2.06 0.00	38.87 2.73 0.00	40.26 2.70 0.00	70.80 4.49 0.00	141.27 7.48 0.00	53.57 3.05 0.00	41.55 2.61 0.00	31.81 2.13 0.00
HIGH_RIVER___SOLAR 323847	32.68 0.95 0.00	29.21 0.88 0.00	16.89 0.56 0.00	17.71 0.59 0.00	20.02 0.67 0.00	32.50 1.00 0.00	37.32 1.06 0.00	47.74 1.20 0.00	33.14 0.50 0.00	28.58 0.30 0.00	28.37 0.17 0.00	29.17 0.11 0.00	27.45 0.06 0.00	26.00 -0.02 0.00	20.88 -0.03 0.00	25.35 0.08 0.00	29.17 0.29 0.00	36.78 0.64 0.00	38.50 0.94 0.00	68.56 2.25 0.00	138.07 4.29 0.00	52.27 1.75 0.00	40.26 1.32 0.00	30.75 1.07 0.00
HILLBURN___GT 23639	33.03 1.30 0.00	29.57 1.24 0.00	17.16 0.84 0.00	18.07 0.96 0.00	20.48 1.13 0.00	32.97 1.47 0.00	37.99 1.73 0.00	48.99 2.45 0.00	34.41 1.77 0.00	29.98 1.70 0.00	30.16 1.95 0.00	31.19 2.12 0.00	29.41 2.02 0.00	27.86 1.84 0.00	22.40 1.50 0.00	27.09 1.81 0.00	30.84 1.97 0.00	38.57 2.43 0.00	39.83 2.27 0.00	69.97 3.65 0.00	139.42 5.64 0.00	52.91 2.38 0.00	41.13 2.19 0.00	31.53 1.86 0.00
HILLSIDE_115KV_TB1 80332	30.89 -0.84 0.00	27.53 -0.80 0.00	16.11 -0.21 0.00	16.81 -0.30 0.00	19.07 -0.29 0.00	30.98 -0.52 0.00	35.87 -0.40 0.00	46.14 -0.40 0.00	32.24 -0.40 0.00	28.33 -0.17 -0.22	27.89 -0.32 0.00	28.75 -0.45 -0.13	26.90 -0.49 0.00	25.59 -0.44 0.00	21.50 -0.36 -0.95	28.78 -0.33 -3.84	28.49 -0.45 -0.07	35.82 -0.32 0.00	37.52 -0.04 0.00	66.42 0.10 0.00	132.63 -1.15 0.00	49.76 -0.76 0.00	38.35 -0.59 0.00	29.17 -0.51 0.00

HISHELDN_WT_PWR 323625	29.68 -2.06 0.00	26.41 -1.92 0.00	15.37 -0.96 0.00	16.00 -1.11 0.00	18.08 -1.28 0.00	30.12 -1.37 0.00	34.97 -1.29 0.00	44.61 -1.93 0.00	31.04 -1.61 0.00	25.52 -1.38 1.39	26.67 -1.54 0.00	26.35 -1.87 0.85	25.65 -1.73 0.00	24.47 -1.56 0.00	13.58 -1.25 6.07	-1.38 -1.50 25.15	26.56 -1.87 0.45	34.16 -1.98 0.00	36.24 -1.32 0.00	64.86 -1.46 0.00	130.19 -3.60 0.00	48.54 -1.98 0.00	37.12 -1.82 0.00	28.28 -1.40 0.00
HOLTSVILLE_IC_1 23690	42.26 2.56 -7.97	30.63 2.30 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.23 1.87 0.00	34.21 2.71 0.00	39.06 2.79 0.00	50.07 3.53 0.00	43.19 2.54 -8.01	101.40 2.54 -70.58	43.60 3.00 -12.39	68.62 3.21 -36.35	55.93 2.82 -25.72	29.04 2.59 -0.43	99.78 2.12 -76.75	82.85 2.41 -55.17	196.60 2.50 -165.23	219.56 2.78 -180.64	190.99 2.11 -151.32	175.34 3.53 -105.49	277.36 4.81 -138.77	174.58 2.49 -121.57	215.44 2.75 -173.75	244.74 2.52 -212.54
HOLTSVILLE_IC_10 23699	42.50 2.74 -8.02	30.79 2.46 0.00	19.88 1.57 -1.99	18.81 1.70 0.00	21.33 1.97 0.00	34.39 2.89 0.00	39.27 3.00 0.00	50.37 3.83 0.00	44.04 2.75 -8.65	107.18 2.71 -76.19	44.31 3.19 -12.91	71.19 3.39 -38.73	58.26 2.99 -27.88	29.31 2.76 -0.53	106.07 2.27 -82.88	87.44 2.59 -59.57	210.06 2.72 -178.47	234.31 3.06 -195.12	201.81 2.38 -161.87	170.34 3.99 -100.04	273.65 5.72 -134.15	167.85 2.82 -114.50	209.44 3.00 -167.50	233.90 2.69 -201.53
HOLTSVILLE_IC_2 23691	42.26 2.56 -7.97	30.63 2.30 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.23 1.87 0.00	34.21 2.71 0.00	39.06 2.79 0.00	50.07 3.53 0.00	43.19 2.54 -8.01	101.40 2.54 -70.58	43.60 3.00 -12.39	68.62 3.21 -36.35	55.93 2.82 -25.72	29.04 2.59 -0.43	99.78 2.12 -76.75	82.85 2.41 -55.17	196.60 2.50 -165.23	219.56 2.78 -180.64	190.99 2.11 -151.32	175.34 3.53 -105.49	277.36 4.81 -138.77	174.58 2.49 -121.57	215.44 2.75 -173.75	244.74 2.52 -212.54
HOLTSVILLE_IC_3 23692	42.26 2.56 -7.97	30.63 2.30 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.23 1.87 0.00	34.21 2.71 0.00	39.06 2.79 0.00	50.07 3.53 0.00	43.19 2.54 -8.01	101.40 2.54 -70.58	43.60 3.00 -12.39	68.62 3.21 -36.35	55.93 2.82 -25.72	29.04 2.59 -0.43	99.78 2.12 -76.75	82.85 2.41 -55.17	196.60 2.50 -165.23	219.56 2.78 -180.64	190.99 2.11 -151.32	175.34 3.53 -105.49	277.36 4.81 -138.77	174.58 2.49 -121.57	215.44 2.75 -173.75	244.74 2.52 -212.54
HOLTSVILLE_IC_4 23693	42.26 2.56 -7.97	30.63 2.30 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.23 1.87 0.00	34.21 2.71 0.00	39.06 2.79 0.00	50.07 3.53 0.00	43.19 2.54 -8.01	101.40 2.54 -70.58	43.60 3.00 -12.39	68.62 3.21 -36.35	55.93 2.82 -25.72	29.04 2.59 -0.43	99.78 2.12 -76.75	82.85 2.41 -55.17	196.60 2.50 -165.23	219.56 2.78 -180.64	190.99 2.11 -151.32	175.34 3.53 -105.49	277.36 4.81 -138.77	174.58 2.49 -121.57	215.44 2.75 -173.75	244.74 2.52 -212.54
HOLTSVILLE_IC_5 23694	42.26 2.56 -7.97	30.63 2.30 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.23 1.87 0.00	34.21 2.71 0.00	39.06 2.79 0.00	50.07 3.53 0.00	43.19 2.54 -8.01	101.40 2.54 -70.58	43.60 3.00 -12.39	68.62 3.21 -36.35	55.93 2.82 -25.72	29.04 2.59 -0.43	99.78 2.12 -76.75	82.85 2.41 -55.17	196.60 2.50 -165.23	219.56 2.78 -180.64	190.99 2.11 -151.32	175.34 3.53 -105.49	277.36 4.81 -138.77	174.58 2.49 -121.57	215.44 2.75 -173.75	244.74 2.52 -212.54
HOLTSVILLE_IC_6 23695	42.50 2.74 -8.02	30.79 2.46 0.00	19.88 1.57 -1.99	18.81 1.70 0.00	21.33 1.97 0.00	34.39 2.89 0.00	39.27 3.00 0.00	50.37 3.83 0.00	44.04 2.75 -8.65	107.18 2.71 -76.19	44.31 3.19 -12.91	71.19 3.39 -38.73	58.26 2.99 -27.88	29.31 2.76 -0.53	106.07 2.27 -82.88	87.44 2.59 -59.57	210.06 2.72 -178.47	234.31 3.06 -195.12	201.81 2.38 -161.87	170.34 3.99 -100.04	273.65 5.72 -134.15	167.85 2.82 -114.50	209.44 3.00 -167.50	233.90 2.69 -201.53
HOLTSVILLE_IC_7 23696	42.50 2.74 -8.02	30.79 2.46 0.00	19.88 1.57 -1.99	18.81 1.70 0.00	21.33 1.97 0.00	34.39 2.89 0.00	39.27 3.00 0.00	50.37 3.83 0.00	44.04 2.75 -8.65	107.18 2.71 -76.19	44.31 3.19 -12.91	71.19 3.39 -38.73	58.26 2.99 -27.88	29.31 2.76 -0.53	106.07 2.27 -82.88	87.44 2.59 -59.57	210.06 2.72 -178.47	234.31 3.06 -195.12	201.81 2.38 -161.87	170.34 3.99 -100.04	273.65 5.72 -134.15	167.85 2.82 -114.50	209.44 3.00 -167.50	233.90 2.69 -201.53
HOLTSVILLE_IC_8 23697	42.50 2.74 -8.02	30.79 2.46 0.00	19.88 1.57 -1.99	18.81 1.70 0.00	21.33 1.97 0.00	34.39 2.89 0.00	39.27 3.00 0.00	50.37 3.83 0.00	44.04 2.75 -8.65	107.18 2.71 -76.19	44.31 3.19 -12.91	71.19 3.39 -38.73	58.26 2.99 -27.88	29.31 2.76 -0.53	106.07 2.27 -82.88	87.44 2.59 -59.57	210.06 2.72 -178.47	234.31 3.06 -195.12	201.81 2.38 -161.87	170.34 3.99 -100.04	273.65 5.72 -134.15	167.85 2.82 -114.50	209.44 3.00 -167.50	233.90 2.69 -201.53
HOLTSVILLE_IC_9 23698	42.50 2.74 -8.02	30.79 2.46 0.00	19.88 1.57 -1.99	18.81 1.70 0.00	21.33 1.97 0.00	34.39 2.89 0.00	39.27 3.00 0.00	50.37 3.83 0.00	44.04 2.75 -8.65	107.18 2.71 -76.19	44.31 3.19 -12.91	71.19 3.39 -38.73	58.26 2.99 -27.88	29.31 2.76 -0.53	106.07 2.27 -82.88	87.44 2.59 -59.57	210.06 2.72 -178.47	234.31 3.06 -195.12	201.81 2.38 -161.87	170.34 3.99 -100.04	273.65 5.72 -134.15	167.85 2.82 -114.50	209.44 3.00 -167.50	233.90 2.69 -201.53
HOMER_HL_115KV_TB2 355744	30.68 -1.06 0.00	27.44 -0.88 0.00	16.04 -0.28 0.00	16.72 -0.39 0.00	18.98 -0.38 0.00	31.36 -0.14 0.00	36.30 0.04 0.00	46.47 -0.07 0.00	32.41 -0.23 0.00	28.19 0.04 0.12	28.15 -0.06 0.00	28.61 -0.38 0.08	26.82 -0.57 0.00	25.55 -0.47 0.00	20.04 -0.33 0.55	22.71 -0.29 2.27	28.20 -0.63 0.04	35.60 -0.55 0.00	37.34 -0.22 0.00	66.36 0.05 0.00	132.75 -1.03 0.00	49.49 -1.04 0.00	38.04 -0.89 0.00	29.05 -0.63 0.00
HOWARD_WT_PWR 323690	30.03 -1.70 0.00	26.57 -1.75 0.00	15.53 -0.79 0.00	16.24 -0.86 0.00	18.34 -1.01 0.00	30.35 -1.14 0.00	35.50 -0.76 0.00	45.37 -1.17 0.00	31.51 -1.14 0.00	28.73 -1.13 -1.58	26.72 -1.49 0.00	28.19 -1.84 -0.96	25.70 -1.68 0.00	24.60 -1.43 0.00	26.62 -1.19 -6.90	52.39 -1.36 -28.48	28.04 -1.35 -0.51	34.87 -1.28 0.00	37.03 -0.53 0.00	66.56 0.24 0.00	134.06 0.28 0.00	50.09 -0.44 0.00	38.19 -0.75 0.00	28.74 -0.93 0.00
HQ_GEN_CEDARS 23644	31.99 0.25 0.00	28.51 0.18 0.00	16.28 -0.05 0.00	17.05 -0.06 0.00	19.22 -0.14 0.00	31.56 0.06 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.94 0.30 0.00	28.42 0.14 0.00	28.41 0.20 0.00	29.34 0.27 0.00	27.69 0.30 0.00	26.32 0.29 0.00	21.12 0.21 0.00	25.37 0.10 0.00	28.89 0.01 0.00	36.12 -0.03 0.00	37.46 -0.09 0.00	66.39 0.08 0.00	135.19 1.41 0.00	50.88 0.36 0.00	39.04 0.10 0.00	29.47 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	31.99 0.25 0.00	28.51 0.18 0.00	16.28 -0.05 0.00	17.05 -0.06 0.00	18.38 -0.14 0.84	31.56 0.06 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.94 0.30 0.00	28.42 0.14 0.00	28.41 0.20 0.00	29.34 0.27 0.00	27.69 0.30 0.00	26.32 0.29 0.00	21.12 0.21 0.00	25.37 0.10 0.00	28.89 0.01 0.00	36.12 -0.03 0.00	37.46 -0.09 0.00	66.39 0.08 0.00	135.19 1.41 0.00	50.88 0.36 0.00	39.04 0.10 0.00	33.66 -0.20 -4.19

HQ_GEN_IMPORT 323601	31.94 0.20 0.00	28.46 0.13 0.00	16.29 -0.04 0.00	17.06 -0.05 0.00	19.29 -0.07 0.00	31.57 0.07 0.00	36.29 0.20 0.18	46.82 0.28 0.00	32.81 0.16 0.00	28.36 0.07 0.00	28.31 0.11 0.00	29.21 0.14 0.00	27.55 0.16 0.00	26.19 0.16 0.00	21.03 0.13 0.00	25.36 0.09 0.00	29.02 0.15 0.00	36.29 0.15 0.00	37.61 0.05 0.00	66.39 0.08 0.00	134.77 0.99 0.00	50.79 0.27 0.00	39.78 0.11 -0.73	30.05 -0.13 -0.50
HQ_GEN_WHEEL 23651	31.94 0.20 0.00	28.46 0.13 0.00	16.29 -0.04 0.00	17.06 -0.05 0.00	19.29 -0.07 0.00	31.57 0.07 0.00	36.29 0.20 0.18	46.82 0.28 0.00	32.81 0.16 0.00	28.36 0.07 0.00	28.31 0.11 0.00	29.21 0.14 0.00	27.55 0.16 0.00	26.19 0.16 0.00	21.03 0.13 0.00	25.36 0.09 0.00	29.02 0.15 0.00	36.29 0.15 0.00	37.61 0.05 0.00	66.39 0.08 0.00	134.77 0.99 0.00	50.79 0.27 0.00	39.78 0.11 -0.73	30.05 -0.13 -0.50
HUDSON AVE_GT_3 23810	33.37 1.63 0.00	29.86 1.53 0.00	17.34 1.02 0.00	18.27 1.16 0.00	20.71 1.36 0.00	33.28 1.78 0.00	38.32 2.06 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.14 2.11 -0.75	31.90 2.32 -1.38	53.62 2.51 -22.04	49.39 2.36 -19.65	39.71 2.17 -11.51	29.58 1.77 -6.91	30.67 2.11 -3.29	49.44 2.28 -18.28	58.67 2.79 -19.74	40.14 2.58 0.00	70.44 4.13 0.00	140.04 6.25 0.00	53.22 2.70 0.00	41.36 2.43 0.00	31.78 2.10 0.00
HUDSON AVE_GT_4 23540	33.37 1.63 0.00	29.86 1.53 0.00	17.34 1.02 0.00	18.27 1.16 0.00	20.71 1.36 0.00	33.28 1.78 0.00	38.32 2.06 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.14 2.11 -0.75	31.90 2.32 -1.38	53.62 2.51 -22.04	49.39 2.36 -19.65	39.71 2.17 -11.51	29.58 1.77 -6.91	30.67 2.11 -3.29	49.44 2.28 -18.28	58.67 2.79 -19.74	40.14 2.58 0.00	70.44 4.13 0.00	140.04 6.25 0.00	53.22 2.70 0.00	41.36 2.43 0.00	31.78 2.10 0.00
HUDSON AVE_GT_5 23657	33.37 1.63 0.00	29.86 1.53 0.00	17.34 1.02 0.00	18.27 1.16 0.00	20.71 1.36 0.00	33.28 1.78 0.00	38.32 2.06 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.14 2.11 -0.75	31.90 2.32 -1.38	53.62 2.51 -22.04	49.39 2.36 -19.65	39.71 2.17 -11.51	29.58 1.77 -6.91	30.67 2.11 -3.29	49.44 2.28 -18.28	58.67 2.79 -19.74	40.14 2.58 0.00	70.44 4.13 0.00	140.04 6.25 0.00	53.22 2.70 0.00	41.36 2.43 0.00	31.78 2.10 0.00
HUDSON_AVE_10 24168	33.22 1.48 0.00	29.73 1.41 0.00	17.30 0.97 0.00	18.21 1.10 0.00	20.65 1.30 0.00	33.14 1.64 0.00	38.17 1.90 0.00	49.26 2.72 0.00	34.71 2.06 0.00	31.06 2.03 -0.75	31.83 2.24 -1.38	53.54 2.43 -22.04	49.32 2.29 -19.65	39.66 2.12 -11.51	29.54 1.72 -6.91	30.60 2.05 -3.29	49.35 2.19 -18.28	58.55 2.67 -19.74	40.00 2.44 0.00	70.14 3.83 0.00	139.39 5.61 0.00	53.03 2.51 0.00	41.22 2.28 0.00	31.69 2.02 0.00
HUDSON___115KV_TB 4 355613	32.18 0.44 0.00	28.85 0.52 0.00	16.77 0.45 0.00	17.60 0.49 0.00	19.88 0.52 0.00	31.96 0.46 0.00	36.75 0.48 0.00	47.24 0.70 0.00	33.24 0.60 0.00	28.70 0.41 0.00	28.43 0.22 0.00	29.28 0.21 0.00	27.56 0.18 0.00	26.20 0.17 0.00	21.05 0.15 0.00	25.53 0.26 0.00	29.10 0.22 0.00	36.36 0.22 0.00	38.07 0.51 0.00	67.38 1.07 0.00	135.39 1.61 0.00	51.33 0.81 0.00	39.62 0.68 0.00	30.44 0.77 0.00
HUNTER MOUNT___DRP 323613	32.86 1.12 0.00	29.41 1.08 0.00	17.07 0.75 0.00	17.92 0.80 0.00	20.24 0.89 0.00	32.65 1.15 0.00	37.60 1.33 0.00	48.36 1.82 0.00	33.94 1.29 0.00	29.33 1.05 0.00	29.09 0.88 0.00	29.88 0.82 0.00	28.03 0.64 0.00	26.66 0.63 0.00	21.39 0.48 0.00	25.88 0.61 0.00	29.59 0.72 0.00	37.20 1.06 0.00	39.13 1.57 0.00	69.33 3.02 0.00	138.96 5.18 0.00	52.84 2.32 0.00	40.71 1.77 0.00	31.17 1.49 0.00
HUNTINGTON_RES_REC 323705	42.13 2.35 -8.05	30.44 2.11 0.00	19.69 1.38 -1.99	18.61 1.50 0.00	21.10 1.74 0.00	33.99 2.49 0.00	38.76 2.50 0.00	49.68 3.14 0.00	28.95 2.28 5.97	-22.12 2.31 52.72	31.72 2.81 -0.70	15.72 3.01 16.35	8.21 2.62 21.79	26.69 2.39 1.72	-35.14 1.98 58.03	-14.08 2.23 41.57	-94.44 2.31 125.63	-98.60 2.57 137.31	-67.84 1.92 107.32	45.51 3.04 23.84	96.11 3.89 41.56	28.33 2.14 24.33	-8.81 2.45 50.19	-15.93 2.29 47.89
HUNTLEY___63 23557	29.65 -2.09 0.00	26.47 -1.86 0.00	15.36 -0.96 0.00	15.95 -1.16 0.00	17.99 -1.36 0.00	30.17 -1.33 0.00	34.93 -1.34 0.00	44.43 -2.11 0.00	31.02 -1.62 0.00	26.62 -1.23 0.43	26.92 -1.29 0.00	27.20 -1.60 0.27	25.87 -1.52 0.00	24.65 -1.37 0.00	18.02 -0.99 1.90	16.15 -1.24 7.88	27.07 -1.67 0.14	34.27 -1.88 0.00	36.10 -1.46 0.00	64.18 -2.13 0.00	128.85 -4.93 0.00	47.84 -2.68 0.00	36.59 -2.35 0.00	28.06 -1.62 0.00
HUNTLEY___64 23558	29.65 -2.09 0.00	26.47 -1.86 0.00	15.36 -0.96 0.00	15.95 -1.16 0.00	17.99 -1.36 0.00	30.17 -1.33 0.00	34.93 -1.34 0.00	44.43 -2.11 0.00	31.02 -1.62 0.00	26.62 -1.23 0.43	26.92 -1.29 0.00	27.20 -1.60 0.27	25.87 -1.52 0.00	24.65 -1.37 0.00	18.02 -0.99 1.90	16.15 -1.24 7.88	27.07 -1.67 0.14	34.27 -1.88 0.00	36.10 -1.46 0.00	64.18 -2.13 0.00	128.85 -4.93 0.00	47.84 -2.68 0.00	36.59 -2.35 0.00	28.06 -1.62 0.00
HUNTLEY___65 23559	29.65 -2.09 0.00	26.47 -1.86 0.00	15.36 -0.96 0.00	15.95 -1.16 0.00	17.99 -1.36 0.00	30.17 -1.33 0.00	34.93 -1.34 0.00	44.43 -2.11 0.00	31.02 -1.62 0.00	26.62 -1.23 0.43	26.92 -1.29 0.00	27.20 -1.60 0.27	25.87 -1.52 0.00	24.65 -1.37 0.00	18.02 -0.99 1.90	16.15 -1.24 7.88	27.07 -1.67 0.14	34.27 -1.88 0.00	36.10 -1.46 0.00	64.18 -2.13 0.00	128.85 -4.93 0.00	47.84 -2.68 0.00	36.59 -2.35 0.00	28.06 -1.62 0.00
HUNTLEY___66 23560	29.65 -2.09 0.00	26.47 -1.86 0.00	15.36 -0.96 0.00	15.95 -1.16 0.00	17.99 -1.36 0.00	30.17 -1.33 0.00	34.93 -1.34 0.00	44.43 -2.11 0.00	31.02 -1.62 0.00	26.62 -1.23 0.43	26.92 -1.29 0.00	27.20 -1.60 0.27	25.87 -1.52 0.00	24.65 -1.37 0.00	18.02 -0.99 1.90	16.15 -1.24 7.88	27.07 -1.67 0.14	34.27 -1.88 0.00	36.10 -1.46 0.00	64.18 -2.13 0.00	128.85 -4.93 0.00	47.84 -2.68 0.00	36.59 -2.35 0.00	28.06 -1.62 0.00
HUNTLEY___67 23561	29.49 -2.25 0.00	26.33 -2.00 0.00	15.29 -1.03 0.00	15.88 -1.23 0.00	17.94 -1.42 0.00	30.05 -1.45 0.00	34.78 -1.49 0.00	44.29 -2.25 0.00	30.92 -1.72 0.00	26.46 -1.31 0.50	26.81 -1.40 0.00	27.07 -1.69 0.31	25.75 -1.64 0.00	24.53 -1.49 0.00	17.59 -1.11 2.21	14.74 -1.39 9.14	26.93 -1.78 0.16	34.13 -2.01 0.00	35.96 -1.60 0.00	63.92 -2.40 0.00	128.29 -5.50 0.00	47.65 -2.88 0.00	36.45 -2.49 0.00	27.93 -1.74 0.00
HUNTLEY___68 23562	29.49 -2.25 0.00	26.33 -2.00 0.00	15.29 -1.03 0.00	15.88 -1.23 0.00	17.94 -1.42 0.00	30.05 -1.45 0.00	34.78 -1.49 0.00	44.29 -2.25 0.00	30.92 -1.72 0.00	26.46 -1.31 0.50	26.81 -1.40 0.00	27.07 -1.69 0.31	25.75 -1.64 0.00	24.53 -1.49 0.00	17.59 -1.11 2.21	14.74 -1.39 9.14	26.93 -1.78 0.16	34.13 -2.01 0.00	35.96 -1.60 0.00	63.92 -2.40 0.00	128.29 -5.50 0.00	47.65 -2.88 0.00	36.45 -2.49 0.00	27.93 -1.74 0.00

HYLAND___LFGE 323620	31.47 -0.27 0.00	27.93 -0.39 0.00	16.20 -0.12 0.00	16.91 -0.20 0.00	19.13 -0.23 0.00	31.76 0.26 0.00	37.01 0.74 0.00	47.49 0.95 0.00	32.81 0.17 0.00	29.40 -0.64 -1.76	27.35 -0.86 0.00	29.03 -1.12 -1.07	26.44 -0.94 0.00	25.15 -0.88 0.00	27.95 -0.65 -7.69	56.29 -0.79 -31.80	28.56 -0.88 -0.57	35.28 -0.86 0.00	37.35 -0.20 0.00	67.74 1.42 0.00	137.78 3.99 0.00	51.80 1.27 0.00	39.50 0.57 0.00	29.95 0.28 0.00
INDECK___CORINTH 23802	32.97 1.23 0.00	29.44 1.11 0.00	17.09 0.77 0.00	17.93 0.82 0.00	20.28 0.92 0.00	32.69 1.19 0.00	37.73 1.46 0.00	48.75 2.21 0.00	34.08 1.43 0.00	29.27 0.99 0.00	28.99 0.78 0.00	29.96 0.89 0.00	28.13 0.74 0.00	26.69 0.67 0.00	21.39 0.49 0.00	26.19 0.91 0.00	30.08 1.20 0.00	37.68 1.53 0.00	39.37 1.81 0.00	69.97 3.66 0.00	140.76 6.98 0.00	53.16 2.64 0.00	40.87 1.93 0.00	31.24 1.56 0.00
INDECK___ILION 23567	31.71 -0.03 0.00	28.35 0.02 0.00	16.42 0.09 0.00	17.24 0.13 0.00	19.54 0.19 0.00	31.56 0.06 0.00	36.24 -0.03 0.00	46.54 0.00 0.00	32.58 -0.06 0.00	28.22 -0.06 0.00	28.02 -0.19 0.00	28.87 -0.20 0.00	27.17 -0.22 0.00	25.76 -0.27 0.00	20.69 -0.21 0.00	25.10 -0.17 0.00	28.71 -0.17 0.00	36.05 -0.10 0.00	37.67 0.10 0.00	66.79 0.48 0.00	134.23 0.45 0.00	50.72 0.20 0.00	39.18 0.24 0.00	29.98 0.31 0.00
INDECK___OLEAN 23982	30.69 -1.05 0.00	27.44 -0.88 0.00	16.04 -0.28 0.00	16.73 -0.38 0.00	18.98 -0.38 0.00	31.36 -0.13 0.00	36.31 0.04 0.00	46.47 -0.07 0.00	32.42 -0.22 0.00	28.18 0.03 0.12	28.15 -0.06 0.00	28.61 -0.38 0.08	26.81 -0.57 0.00	25.55 -0.47 0.00	20.04 -0.33 0.55	22.72 -0.28 2.27	28.19 -0.64 0.04	35.59 -0.56 0.00	37.35 -0.21 0.00	66.37 0.06 0.00	132.75 -1.03 0.00	49.50 -1.02 0.00	38.04 -0.89 0.00	29.04 -0.63 0.00
INDECK___OSWEGO 23783	30.86 -0.88 0.00	27.56 -0.76 0.00	15.91 -0.42 0.00	16.65 -0.46 0.00	18.83 -0.52 0.00	30.68 -0.81 0.00	35.20 -1.06 0.00	45.02 -1.52 0.00	31.61 -1.04 0.00	27.43 -0.85 0.00	27.28 -0.93 0.00	28.04 -1.03 0.00	26.40 -0.98 0.00	25.09 -0.93 0.00	20.15 -0.76 0.00	24.34 -0.93 0.00	27.80 -1.08 0.00	34.85 -1.29 0.00	36.42 -1.14 0.00	64.52 -1.80 0.00	130.01 -3.77 0.00	49.07 -1.46 0.00	37.82 -1.12 0.00	28.93 -0.75 0.00
INDECK___YERKES 23781	29.69 -2.04 0.00	26.50 -1.83 0.00	15.38 -0.94 0.00	15.97 -1.14 0.00	18.01 -1.35 0.00	30.20 -1.30 0.00	34.96 -1.31 0.00	44.48 -2.06 0.00	31.06 -1.59 0.00	26.64 -1.21 0.43	26.95 -1.26 0.00	27.23 -1.57 0.27	25.90 -1.49 0.00	24.68 -1.34 0.00	18.05 -0.96 1.90	16.20 -1.19 7.88	27.08 -1.65 0.14	34.28 -1.86 0.00	36.14 -1.42 0.00	64.28 -2.04 0.00	128.98 -4.80 0.00	47.91 -2.61 0.00	36.63 -2.31 0.00	28.07 -1.61 0.00
INDIAN POINT_GT_1 24139	33.03 1.29 0.00	29.57 1.25 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.49 1.13 0.00	32.95 1.45 0.00	37.93 1.67 0.00	48.89 2.35 0.00	34.37 1.72 0.00	29.97 1.66 -0.02	30.13 1.88 -0.04	31.72 2.05 -0.60	29.86 1.93 -0.54	28.12 1.78 -0.32	22.54 1.44 -0.19	27.09 1.73 -0.09	31.23 1.85 -0.51	38.97 2.28 -0.55	39.67 2.12 0.00	69.70 3.39 0.00	138.84 5.05 0.00	52.74 2.22 0.00	41.00 2.06 0.00	31.46 1.78 0.00
INDIAN POINT_GT_2 23659	33.03 1.29 0.00	29.57 1.25 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.49 1.13 0.00	32.95 1.45 0.00	37.93 1.67 0.00	48.89 2.35 0.00	34.37 1.72 0.00	29.97 1.66 -0.02	30.13 1.88 -0.04	31.72 2.05 -0.60	29.86 1.93 -0.54	28.12 1.78 -0.32	22.54 1.44 -0.19	27.09 1.73 -0.09	31.23 1.85 -0.51	38.97 2.28 -0.55	39.67 2.12 0.00	69.70 3.39 0.00	138.84 5.05 0.00	52.74 2.22 0.00	41.00 2.06 0.00	31.46 1.78 0.00
INDIAN POINT_GT_3 24019	33.03 1.29 0.00	29.57 1.25 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.49 1.13 0.00	32.95 1.45 0.00	37.93 1.67 0.00	48.89 2.35 0.00	34.37 1.72 0.00	29.97 1.66 -0.02	30.13 1.88 -0.04	31.72 2.05 -0.60	29.86 1.93 -0.54	28.12 1.78 -0.32	22.54 1.44 -0.19	27.09 1.73 -0.09	31.23 1.85 -0.51	38.97 2.28 -0.55	39.67 2.12 0.00	69.70 3.39 0.00	138.84 5.05 0.00	52.74 2.22 0.00	41.00 2.06 0.00	31.46 1.78 0.00
INDIAN POINT___2 23530	33.01 1.27 0.00	29.54 1.21 0.00	17.15 0.83 0.00	18.06 0.95 0.00	20.47 1.11 0.00	32.92 1.43 0.00	37.90 1.64 0.00	48.85 2.30 0.00	34.33 1.68 0.00	29.94 1.64 -0.02	30.11 1.87 -0.04	31.70 2.04 -0.60	29.84 1.92 -0.53	28.09 1.76 -0.31	22.51 1.42 -0.19	27.07 1.71 -0.09	31.21 1.84 -0.50	38.95 2.27 -0.54	39.66 2.10 0.00	69.65 3.34 0.00	138.76 4.98 0.00	52.71 2.18 0.00	40.98 2.04 0.00	31.45 1.77 0.00
INDIAN POINT___3 23531	33.00 1.26 0.00	29.54 1.22 0.00	17.16 0.83 0.00	18.06 0.95 0.00	20.47 1.12 0.00	32.93 1.43 0.00	37.90 1.63 0.00	48.85 2.30 0.00	34.33 1.69 0.00	29.94 1.64 -0.02	30.10 1.85 -0.03	31.65 2.02 -0.57	29.79 1.90 -0.50	28.07 1.75 -0.30	22.50 1.42 -0.18	27.06 1.70 -0.09	31.18 1.83 -0.47	38.90 2.25 -0.51	39.64 2.08 0.00	69.64 3.33 0.00	138.77 4.98 0.00	52.70 2.17 0.00	40.97 2.03 0.00	31.44 1.77 0.00
INGHAM_C_115KV_TB7 356103	31.67 -0.07 0.00	28.34 0.01 0.00	16.49 0.16 0.00	17.36 0.25 0.00	19.72 0.36 0.00	31.57 0.07 0.00	36.15 -0.11 0.00	46.48 -0.06 0.00	32.42 -0.22 0.00	28.06 -0.21 0.00	27.66 -0.54 0.00	28.52 -0.55 0.00	26.80 -0.58 0.00	25.36 -0.67 0.00	20.38 -0.53 0.00	24.80 -0.47 0.00	28.39 -0.49 0.00	35.82 -0.32 0.00	37.66 0.10 0.00	67.08 0.77 0.00	134.55 0.76 0.00	50.82 0.30 0.00	39.35 0.41 0.00	30.20 0.52 0.00
IP CORINTH___1 23988	32.97 1.23 0.00	29.43 1.11 0.00	17.09 0.77 0.00	17.93 0.82 0.00	20.28 0.92 0.00	32.69 1.19 0.00	37.73 1.46 0.00	48.75 2.21 0.00	34.08 1.43 0.00	29.27 0.99 0.00	28.99 0.78 0.00	29.96 0.89 0.00	28.13 0.74 0.00	26.69 0.67 0.00	21.39 0.49 0.00	26.19 0.92 0.00	30.08 1.20 0.00	37.68 1.54 0.00	39.37 1.81 0.00	69.97 3.66 0.00	140.76 6.98 0.00	53.16 2.64 0.00	40.87 1.93 0.00	31.24 1.56 0.00
IP___TICONDEROGA 23804	33.49 1.75 0.00	29.87 1.55 0.00	17.48 1.15 0.00	18.32 1.21 0.00	20.73 1.37 0.00	33.18 1.69 0.00	38.48 2.21 0.00	50.02 3.48 0.00	34.80 2.16 0.00	29.42 1.14 0.00	29.11 0.90 0.00	30.37 1.30 0.00	28.53 1.14 0.00	26.97 0.94 0.00	21.55 0.64 0.00	26.78 1.51 0.00	30.88 2.01 0.00	38.65 2.51 0.00	40.21 2.66 0.00	72.39 6.08 0.00	145.56 11.78 0.00	54.96 4.43 0.00	42.07 3.13 0.00	32.04 2.36 0.00
ISLIP_RES_REC 323679	42.65 2.87 -8.05	30.88 2.55 0.00	19.94 1.63 -1.99	18.87 1.76 0.00	21.40 2.04 0.00	34.51 3.01 0.00	39.42 3.15 0.00	50.56 4.02 0.00	43.41 2.89 -7.88	100.51 2.85 -69.38	43.79 3.32 -12.26	68.42 3.53 -35.82	55.76 3.12 -25.26	29.32 2.88 -0.41	98.73 2.38 -75.44	82.23 2.73 -54.23	194.16 2.87 -162.41	216.95 3.24 -177.57	187.60 2.57 -147.48	162.21 4.29 -91.61	262.91 6.39 -122.74	158.46 3.05 -104.89	195.38 3.17 -153.28	217.03 2.80 -184.55

JAMAICA__27_KV_LOAD 355505	33.27 1.54 0.00	29.82 1.49 0.00	17.42 1.10 0.00	18.33 1.21 0.00	20.75 1.39 0.00	33.12 1.62 0.00	38.17 1.90 0.00	49.35 2.82 0.00	34.82 2.17 0.00	31.41 2.37 -0.76	32.13 2.55 -1.38	53.86 2.75 -22.04	49.69 2.66 -19.65	40.01 2.47 -11.51	30.52 2.01 -7.60	30.90 2.34 -3.29	49.64 2.49 -18.28	58.80 2.91 -19.74	40.23 2.66 0.00	70.11 3.79 0.00	139.36 5.58 0.00	53.31 2.79 0.00	41.42 2.49 0.00	31.93 2.25 0.00
JANIS__SOLAR 323808	32.47 0.73 0.00	28.95 0.62 0.00	16.75 0.43 0.00	17.51 0.40 0.00	19.90 0.54 0.00	32.49 0.99 0.00	37.38 1.12 0.00	47.77 1.22 0.00	33.49 0.84 0.00	29.46 1.07 -0.12	28.71 0.50 0.00	29.11 -0.03 -0.07	27.30 -0.09 0.00	25.85 -0.18 0.00	21.34 -0.09 -0.52	27.55 0.16 -2.12	29.25 0.33 -0.04	37.06 0.92 0.00	39.23 1.67 0.00	69.46 3.15 0.00	139.78 6.00 0.00	52.61 2.08 0.00	40.36 1.43 0.00	30.69 1.01 0.00
JARVIS____ 23743	31.67 -0.06 0.00	28.28 -0.05 0.00	16.33 0.01 0.00	17.13 0.02 0.00	19.38 0.03 0.00	31.46 -0.03 0.00	36.18 -0.09 0.00	46.44 -0.10 0.00	32.58 -0.07 0.00	28.23 -0.05 0.00	28.16 -0.05 0.00	29.02 -0.05 0.00	27.32 -0.06 0.00	25.95 -0.08 0.00	20.84 -0.07 0.00	25.22 -0.05 0.00	28.81 -0.06 0.00	36.07 -0.07 0.00	37.53 -0.03 0.00	66.33 0.02 0.00	133.54 -0.24 0.00	50.47 -0.05 0.00	38.94 0.00 0.00	29.74 0.07 0.00
JENNISON____1 23625	32.41 0.68 0.00	28.93 0.61 0.00	16.78 0.46 0.00	17.57 0.46 0.00	20.02 0.66 0.00	32.58 1.08 0.00	37.53 1.27 0.00	48.07 1.53 0.00	33.77 1.13 0.00	29.50 1.23 0.00	29.05 0.85 0.00	29.69 0.62 0.00	27.93 0.54 0.00	26.50 0.47 0.00	21.19 0.28 0.00	25.93 0.66 0.00	29.66 0.79 0.00	37.56 1.42 0.00	39.44 1.88 0.00	69.40 3.08 0.00	139.27 5.49 0.00	52.28 1.75 0.00	40.11 1.17 0.00	30.51 0.83 0.00
JENNISON____2 23626	32.41 0.68 0.00	28.93 0.61 0.00	16.78 0.46 0.00	17.57 0.46 0.00	20.02 0.66 0.00	32.58 1.08 0.00	37.53 1.27 0.00	48.07 1.53 0.00	33.77 1.13 0.00	29.50 1.23 0.00	29.05 0.85 0.00	29.69 0.62 0.00	27.93 0.54 0.00	26.50 0.47 0.00	21.19 0.28 0.00	25.93 0.66 0.00	29.66 0.79 0.00	37.56 1.42 0.00	39.44 1.88 0.00	69.40 3.08 0.00	139.27 5.49 0.00	52.28 1.75 0.00	40.11 1.17 0.00	30.51 0.83 0.00
JERICOHO_RISE_WT_PWR 323719	32.16 0.43 0.00	28.66 0.33 0.00	16.40 0.07 0.00	17.17 0.07 0.00	19.35 -0.01 0.00	31.69 0.19 0.00	36.65 0.39 0.00	47.13 0.59 0.00	32.99 0.34 0.00	28.40 0.12 0.00	28.39 0.18 0.00	29.32 0.25 0.00	27.69 0.30 0.00	26.31 0.28 0.00	21.12 0.21 0.00	25.27 0.00 0.00	29.24 0.37 0.00	36.51 0.37 0.00	37.84 0.28 0.00	66.89 0.58 0.00	135.80 2.02 0.00	50.95 0.43 0.00	38.95 0.02 0.00	29.39 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	33.18 1.45 0.00	29.69 1.36 0.00	17.24 0.92 0.00	18.14 1.03 0.00	20.56 1.20 0.00	33.08 1.58 0.00	38.07 1.80 0.00	49.09 2.55 0.00	34.53 1.89 0.00	30.09 1.81 0.00	30.22 2.02 0.00	31.25 2.19 0.00	29.45 2.06 0.00	27.93 1.91 0.00	22.46 1.56 0.00	27.11 1.84 0.00	30.86 1.99 0.00	38.58 2.44 0.00	39.88 2.32 0.00	70.04 3.73 0.00	139.56 5.77 0.00	52.99 2.46 0.00	41.15 2.21 0.00	31.57 1.89 0.00
KCE_NY_1 323755	32.92 1.18 0.00	29.42 1.09 0.00	17.05 0.73 0.00	17.89 0.78 0.00	20.26 0.90 0.00	32.70 1.20 0.00	37.63 1.37 0.00	48.49 1.95 0.00	33.93 1.29 0.00	29.23 0.95 0.00	29.03 0.82 0.00	29.93 0.86 0.00	28.14 0.75 0.00	26.70 0.68 0.00	21.41 0.51 0.00	26.13 0.85 0.00	29.93 1.05 0.00	37.60 1.46 0.00	39.18 1.62 0.00	69.42 3.11 0.00	139.55 5.77 0.00	52.78 2.25 0.00	40.58 1.64 0.00	31.08 1.41 0.00
KCE_NY_6_ESR 323823	29.91 -1.83 0.00	26.66 -1.66 0.00	15.50 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.16 0.00	30.44 -1.06 0.00	35.28 -0.99 0.00	44.96 -1.59 0.00	31.40 -1.24 0.00	26.81 -0.95 0.53	27.18 -1.03 0.00	27.43 -1.32 0.32	26.09 -1.29 0.00	24.86 -1.16 0.00	17.75 -0.86 2.30	14.71 -1.03 9.53	27.30 -1.40 0.17	34.68 -1.47 0.00	36.58 -0.98 0.00	65.10 -1.21 0.00	130.50 -3.28 0.00	48.54 -1.99 0.00	37.08 -1.86 0.00	28.33 -1.35 0.00
KEDC PORT_JEFF_GT2 24210	42.44 2.70 -8.01	30.74 2.41 0.00	19.86 1.55 -1.99	18.79 1.68 0.00	21.30 1.95 0.00	34.34 2.84 0.00	39.21 2.94 0.00	50.28 3.74 0.00	44.97 2.69 -9.64	115.87 2.67 -84.93	45.08 3.13 -13.74	74.89 3.35 -42.47	61.59 2.95 -31.25	29.42 2.72 -0.68	115.58 2.23 -92.44	94.24 2.54 -66.43	230.63 2.66 -199.09	256.79 2.99 -217.66	219.99 2.31 -180.11	178.22 3.68 -108.23	284.75 5.13 -145.84	176.79 2.60 -123.67	223.83 2.92 -181.97	250.35 2.64 -218.03
KEDC PORT_JEFF_GT3 24211	42.44 2.70 -8.01	30.74 2.41 0.00	19.86 1.55 -1.99	18.79 1.68 0.00	21.30 1.95 0.00	34.34 2.84 0.00	39.21 2.94 0.00	50.28 3.74 0.00	44.97 2.69 -9.64	115.87 2.67 -84.93	45.08 3.13 -13.74	74.89 3.35 -42.47	61.59 2.95 -31.25	29.42 2.72 -0.68	115.58 2.23 -92.44	94.24 2.54 -66.43	230.63 2.66 -199.09	256.79 2.99 -217.66	219.99 2.31 -180.11	178.22 3.68 -108.23	284.75 5.13 -145.84	176.79 2.60 -123.67	223.83 2.92 -181.97	250.35 2.64 -218.03
KEDC_GLWD_GT4 24219	46.23 1.94 -12.55	30.12 1.79 0.00	19.19 1.13 -1.73	18.37 1.26 0.00	20.82 1.47 0.00	33.51 2.01 0.00	38.46 2.20 0.00	49.52 2.98 0.00	34.85 2.20 0.00	30.41 2.19 0.06	35.78 2.47 -5.09	37.26 2.68 -5.51	28.39 2.50 1.50	27.54 2.32 0.80	22.31 1.87 0.46	27.12 2.10 0.25	29.70 2.22 1.39	37.19 2.55 1.50	39.72 2.16 0.00	69.75 3.43 0.00	138.60 4.82 0.00	53.02 2.50 0.00	41.36 2.43 0.00	31.79 2.12 0.00
KEDC_GLWD_GT5 24220	46.23 1.94 -12.55	30.12 1.79 0.00	19.19 1.13 -1.73	18.37 1.26 0.00	20.82 1.47 0.00	33.51 2.01 0.00	38.46 2.20 0.00	49.52 2.98 0.00	34.85 2.20 0.00	30.41 2.19 0.06	35.78 2.47 -5.09	37.26 2.68 -5.51	28.39 2.50 1.50	27.54 2.32 0.80	22.31 1.87 0.46	27.12 2.10 0.25	29.70 2.22 1.39	37.19 2.55 1.50	39.72 2.16 0.00	69.75 3.43 0.00	138.60 4.82 0.00	53.02 2.50 0.00	41.36 2.43 0.00	31.79 2.12 0.00
KENSICO____ 23655	33.15 1.42 0.00	29.66 1.34 0.00	17.22 0.90 0.00	18.13 1.02 0.00	20.55 1.20 0.00	33.05 1.55 0.00	38.04 1.77 0.00	49.03 2.49 0.00	34.48 1.83 0.00	30.08 1.78 -0.02	30.25 1.99 -0.05	32.00 2.17 -0.76	30.10 2.04 -0.68	28.29 1.87 -0.40	22.66 1.52 -0.24	27.20 1.82 -0.11	31.46 1.94 -0.64	39.22 2.39 -0.69	39.76 2.20 0.00	69.82 3.50 0.00	139.10 5.32 0.00	52.85 2.33 0.00	41.08 2.15 0.00	31.54 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.44 1.71 0.00	29.89 1.56 0.00	17.35 1.03 0.00	18.25 1.14 0.00	20.68 1.33 0.00	33.33 1.83 0.00	38.39 2.13 0.00	49.46 2.92 0.00	34.70 2.05 0.00	30.19 1.91 0.00	30.28 2.07 0.00	31.41 2.34 0.00	29.68 2.29 0.00	28.05 2.03 0.00	22.42 1.51 0.00	27.04 1.77 0.00	30.87 1.99 0.00	38.76 2.62 0.00	40.21 2.65 0.00	70.74 4.43 0.00	141.23 7.45 0.00	53.55 3.03 0.00	41.52 2.58 0.00	31.78 2.11 0.00

KIAC_JFK_GT1 23816	33.11 1.37 0.00	29.67 1.35 0.00	17.33 1.01 0.00	18.24 1.13 0.00	20.64 1.29 0.00	32.95 1.45 0.00	37.96 1.70 0.00	49.07 2.53 0.00	34.59 1.95 0.00	31.21 2.17 -0.76	31.94 2.36 -1.38	53.69 2.58 -22.04	49.52 2.49 -19.65	39.83 2.29 -11.51	30.37 1.86 -7.60	30.73 2.17 -3.29	49.44 2.28 -18.28	58.54 2.65 -19.74	39.96 2.39 0.00	69.63 3.32 0.00	138.37 4.59 0.00	52.95 2.43 0.00	41.16 2.22 0.00	31.75 2.08 0.00
KIAC_JFK_GT2 23817	33.11 1.37 0.00	29.67 1.35 0.00	17.33 1.01 0.00	18.24 1.13 0.00	20.64 1.29 0.00	32.95 1.45 0.00	37.96 1.70 0.00	49.07 2.53 0.00	34.59 1.95 0.00	31.21 2.17 -0.76	31.94 2.36 -1.38	53.69 2.58 -22.04	49.52 2.49 -19.65	39.83 2.29 -11.51	30.37 1.86 -7.60	30.73 2.17 -3.29	49.44 2.28 -18.28	58.54 2.65 -19.74	39.96 2.39 0.00	69.63 3.32 0.00	138.37 4.59 0.00	52.95 2.43 0.00	41.16 2.22 0.00	31.75 2.08 0.00
KIAC_JFK____ 323774	33.10 1.37 0.00	29.68 1.35 0.00	17.33 1.01 0.00	18.24 1.12 0.00	20.64 1.29 0.00	32.95 1.45 0.00	37.96 1.69 0.00	49.07 2.53 0.00	34.59 1.95 0.00	31.25 2.21 -0.76	31.98 2.40 -1.38	53.79 2.68 -22.04	49.66 2.63 -19.65	39.89 2.36 -11.51	30.37 1.86 -7.60	30.87 2.31 -3.29	49.58 2.42 -18.28	58.69 2.80 -19.74	39.96 2.39 0.00	69.63 3.31 0.00	138.37 4.59 0.00	52.95 2.43 0.00	41.16 2.22 0.00	31.75 2.08 0.00
KINTIGH__24_KV_GSU 356498	29.73 -2.01 0.00	26.56 -1.76 0.00	15.40 -0.92 0.00	16.03 -1.08 0.00	18.11 -1.25 0.00	30.20 -1.30 0.00	34.89 -1.38 0.00	44.45 -2.09 0.00	31.08 -1.57 0.00	26.79 -1.23 0.26	26.91 -1.30 0.00	27.33 -1.57 0.16	25.87 -1.52 0.00	24.64 -1.38 0.00	18.76 -1.01 1.13	19.29 -1.28 4.70	27.16 -1.63 0.08	34.23 -1.91 0.00	36.03 -1.53 0.00	63.94 -2.38 0.00	128.31 -5.47 0.00	47.79 -2.74 0.00	36.62 -2.32 0.00	28.08 -1.60 0.00
KINTIGH____ 23543	29.69 -2.05 0.00	26.54 -1.79 0.00	15.39 -0.94 0.00	16.01 -1.10 0.00	18.09 -1.27 0.00	30.17 -1.33 0.00	34.85 -1.41 0.00	44.41 -2.13 0.00	31.04 -1.60 0.00	26.78 -1.24 0.26	26.89 -1.32 0.00	27.31 -1.60 0.16	25.84 -1.55 0.00	24.62 -1.40 0.00	18.73 -1.05 1.13	19.24 -1.33 4.70	27.14 -1.65 0.08	34.21 -1.93 0.00	35.99 -1.57 0.00	63.88 -2.44 0.00	128.27 -5.51 0.00	47.73 -2.79 0.00	36.58 -2.36 0.00	28.06 -1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.54 0.81 0.00	28.99 0.66 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.63 0.28 0.00	32.10 0.60 0.00	37.17 0.90 0.00	47.78 1.24 0.00	33.38 0.73 0.00	28.65 0.37 0.00	28.63 0.42 0.00	29.58 0.51 0.00	27.93 0.55 0.00	26.54 0.51 0.00	21.30 0.39 0.00	25.55 0.28 0.00	29.69 0.81 0.00	37.00 0.86 0.00	38.40 0.84 0.00	67.92 1.60 0.00	137.58 3.81 0.00	51.67 1.15 0.00	39.55 0.61 0.00	29.84 0.17 0.00
LACHUTE____HYDRO 323717	33.49 1.75 0.00	29.87 1.54 0.00	17.48 1.15 0.00	18.32 1.21 0.00	20.73 1.37 0.00	33.18 1.69 0.00	38.47 2.21 0.00	50.03 3.48 0.00	34.80 2.16 0.00	29.42 1.14 0.00	29.11 0.90 0.00	30.37 1.31 0.00	28.53 1.14 0.00	26.97 0.94 0.00	21.55 0.64 0.00	26.78 1.51 0.00	30.88 2.00 0.00	38.65 2.51 0.00	40.21 2.65 0.00	72.39 6.08 0.00	145.56 11.77 0.00	54.96 4.43 0.00	42.07 3.13 0.00	32.04 2.36 0.00
LAWRNCV_115KV_TB1 80681	31.51 -0.22 0.00	28.06 -0.27 0.00	16.00 -0.33 0.00	16.75 -0.36 0.00	18.87 -0.48 0.00	31.03 -0.47 0.00	36.10 -0.16 0.00	46.29 -0.25 0.00	32.29 -0.35 0.00	27.84 -0.44 0.00	27.84 -0.37 0.00	28.77 -0.30 0.00	27.12 -0.27 0.00	25.75 -0.28 0.00	20.64 -0.27 0.00	24.71 -0.56 0.00	28.19 -0.69 0.00	35.29 -0.85 0.00	36.66 -0.90 0.00	65.28 -1.03 0.00	133.36 -0.42 0.00	50.23 -0.30 0.00	38.48 -0.46 0.00	29.01 -0.66 0.00
LEDERLE____ 23769	33.12 1.39 0.00	29.64 1.32 0.00	17.21 0.89 0.00	18.12 1.01 0.00	20.54 1.18 0.00	33.06 1.56 0.00	38.11 1.85 0.00	49.13 2.59 0.00	34.52 1.88 0.00	30.08 1.80 0.00	30.25 2.04 0.00	31.29 2.23 0.00	29.50 2.11 0.00	27.95 1.92 0.00	22.47 1.56 0.00	27.16 1.89 0.00	30.91 2.04 0.00	38.66 2.52 0.00	39.94 2.38 0.00	70.16 3.84 0.00	139.77 5.99 0.00	53.05 2.52 0.00	41.22 2.29 0.00	31.61 1.93 0.00
LIGHTHSE_115KV_TB6 355974	31.30 -0.43 0.00	27.95 -0.38 0.00	16.08 -0.24 0.00	16.79 -0.32 0.00	18.95 -0.41 0.00	31.04 -0.45 0.00	35.66 -0.60 0.00	45.59 -0.95 0.00	31.93 -0.71 0.00	27.81 -0.47 0.00	27.71 -0.50 0.00	28.42 -0.65 0.00	26.67 -0.72 0.00	25.24 -0.78 0.00	20.17 -0.74 0.00	24.21 -1.06 0.00	27.65 -1.22 0.00	34.75 -1.39 0.00	36.55 -1.01 0.00	65.47 -0.84 0.00	132.65 -1.13 0.00	50.16 -0.36 0.00	38.64 -0.30 0.00	29.45 -0.23 0.00
LINDEN COGEN____ 23786	33.16 1.42 0.00	29.69 1.36 0.00	17.25 0.92 0.00	18.18 1.07 0.00	20.61 1.26 0.00	33.11 1.61 0.00	38.12 1.85 0.00	49.20 2.66 0.00	34.64 2.00 0.00	30.95 1.93 -0.74	31.70 2.13 -1.36	53.26 2.33 -21.86	49.11 2.20 -19.52	37.99 2.00 -9.97	29.10 1.62 -6.58	30.46 1.95 -3.24	49.25 2.11 -18.26	58.50 2.61 -19.74	39.92 2.36 0.00	70.05 3.74 0.00	139.12 5.34 0.00	52.92 2.40 0.00	41.16 2.23 0.00	31.62 1.94 0.00
LINDHRST_69_KV_BK1 356055	42.96 2.49 -8.74	30.56 2.23 0.00	19.70 1.43 -1.95	18.66 1.55 0.00	21.23 1.87 0.00	34.22 2.72 0.00	39.11 2.84 0.00	50.26 3.72 0.00	36.16 2.73 -0.78	37.81 2.68 -6.85	37.46 3.04 -6.21	41.24 3.21 -8.96	31.48 2.93 -1.16	28.06 2.71 0.68	30.20 2.21 -7.09	32.93 2.49 -5.17	46.40 2.63 -14.90	55.43 2.98 -16.31	54.66 2.26 -14.84	80.90 3.82 -10.77	153.35 5.48 -14.08	65.76 2.80 -12.44	59.59 3.01 -17.65	53.99 2.60 -21.70
LIPA_MISC_IPP 23656	42.62 2.90 -7.98	30.91 2.58 0.00	19.96 1.64 -1.99	18.89 1.78 0.00	21.41 2.06 0.00	34.57 3.06 0.00	39.45 3.19 0.00	50.64 4.09 0.00	43.72 2.92 -8.15	102.97 2.90 -71.78	44.04 3.33 -12.50	69.46 3.53 -36.86	56.69 3.12 -26.18	29.32 2.84 -0.45	101.29 2.31 -78.07	84.03 2.65 -56.11	199.71 2.76 -168.07	223.12 3.22 -183.76	193.47 2.47 -153.45	175.21 4.17 -104.73	278.16 6.19 -138.19	174.06 2.98 -120.56	214.93 3.05 -172.94	243.44 2.73 -211.03
LISF____SOLAR 323691	42.69 2.96 -7.99	30.97 2.64 0.00	19.99 1.68 -1.99	18.92 1.81 0.00	21.45 2.09 0.00	34.62 3.12 0.00	39.55 3.28 0.00	50.73 4.18 0.00	43.90 2.99 -8.27	104.04 2.95 -72.82	44.21 3.40 -12.60	69.98 3.62 -37.30	57.13 3.17 -26.58	29.37 2.87 -0.47	102.46 2.35 -79.20	84.88 2.69 -56.92	202.23 2.84 -170.51	225.81 3.25 -186.42	195.54 2.57 -155.41	174.43 4.37 -103.74	277.74 6.59 -137.37	172.92 3.11 -119.28	213.91 3.15 -171.82	241.52 2.81 -209.03
LITTLE FALLS____HYD 24013	31.67 -0.07 0.00	28.34 0.01 0.00	16.49 0.16 0.00	17.36 0.25 0.00	19.72 0.36 0.00	31.57 0.07 0.00	36.15 -0.11 0.00	46.48 -0.06 0.00	32.42 -0.22 0.00	28.06 -0.21 0.00	27.66 -0.54 0.00	28.52 -0.55 0.00	26.80 -0.58 0.00	25.36 -0.67 0.00	20.38 -0.53 0.00	24.80 -0.47 0.00	28.39 -0.49 0.00	35.82 -0.32 0.00	37.66 0.10 0.00	67.08 0.77 0.00	134.55 0.76 0.00	50.82 0.30 0.00	39.35 0.41 0.00	30.20 0.52 0.00

LITTLRIV_115KV_TB1 356100	32.04 0.30 0.00	28.51 0.18 0.00	16.24 -0.08 0.00	17.00 -0.11 0.00	19.17 -0.18 0.00	31.56 0.06 0.00	36.71 0.44 0.00	46.93 0.38 0.00	32.55 -0.10 0.00	28.01 -0.27 0.00	28.01 -0.20 0.00	29.01 -0.06 0.00	27.33 -0.06 0.00	25.95 -0.07 0.00	20.78 -0.12 0.00	24.86 -0.41 0.00	28.36 -0.52 0.00	35.56 -0.58 0.00	36.94 -0.62 0.00	66.15 -0.17 0.00	135.66 1.88 0.00	51.18 0.65 0.00	39.16 0.22 0.00	29.48 -0.20 0.00
LI_NEWBRDGE___DRP 323616	41.34 2.06 -7.55	30.20 1.87 0.00	19.55 1.21 -2.01	18.45 1.34 0.00	20.92 1.57 0.00	33.69 2.19 0.00	38.51 2.24 0.00	49.48 2.94 0.00	34.81 2.17 0.00	30.45 2.23 0.06	36.51 2.56 -5.75	38.03 2.75 -6.22	28.40 2.51 1.50	27.55 2.32 0.80	22.33 1.89 0.46	27.19 2.17 0.25	29.69 2.20 1.39	37.10 2.47 1.50	39.38 1.82 0.00	69.14 2.83 0.00	137.16 3.38 0.00	52.45 1.93 0.00	41.11 2.17 0.00	31.66 1.99 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.35 -2.39 0.00	26.22 -2.11 0.00	15.22 -1.10 0.00	15.81 -1.30 0.00	17.85 -1.51 0.00	29.93 -1.57 0.00	34.61 -1.66 0.00	44.01 -2.53 0.00	30.69 -1.96 0.00	26.37 -1.53 0.38	26.57 -1.64 0.00	26.90 -1.94 0.23	25.51 -1.88 0.00	24.31 -1.71 0.00	18.05 -1.21 1.65	16.98 -1.44 6.84	26.73 -2.03 0.12	33.76 -2.38 0.00	35.60 -1.96 0.00	63.37 -2.94 0.00	127.38 -6.40 0.00	47.32 -3.20 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
LOCKPORT___CC1 323769	29.35 -2.38 0.00	26.22 -2.11 0.00	15.22 -1.11 0.00	15.81 -1.30 0.00	17.85 -1.51 0.00	29.92 -1.57 0.00	34.62 -1.64 0.00	44.02 -2.52 0.00	30.71 -1.94 0.00	26.35 -1.53 0.41	26.58 -1.63 0.00	26.89 -1.93 0.25	25.52 -1.86 0.00	24.33 -1.70 0.00	17.92 -1.21 1.78	16.45 -1.45 7.37	26.71 -2.03 0.13	33.76 -2.38 0.00	35.63 -1.94 0.00	63.42 -2.89 0.00	127.38 -6.40 0.00	47.34 -3.18 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
LOCKPORT___CC2 323770	29.35 -2.38 0.00	26.22 -2.11 0.00	15.22 -1.11 0.00	15.81 -1.30 0.00	17.85 -1.51 0.00	29.92 -1.57 0.00	34.62 -1.64 0.00	44.02 -2.52 0.00	30.71 -1.94 0.00	26.35 -1.53 0.41	26.58 -1.63 0.00	26.89 -1.93 0.25	25.52 -1.86 0.00	24.33 -1.70 0.00	17.92 -1.21 1.78	16.45 -1.45 7.37	26.71 -2.03 0.13	33.76 -2.38 0.00	35.63 -1.94 0.00	63.42 -2.89 0.00	127.38 -6.40 0.00	47.34 -3.18 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
LOCKPORT___CC3 323771	29.35 -2.38 0.00	26.22 -2.11 0.00	15.22 -1.11 0.00	15.81 -1.30 0.00	17.85 -1.51 0.00	29.92 -1.57 0.00	34.62 -1.64 0.00	44.02 -2.52 0.00	30.71 -1.94 0.00	26.35 -1.53 0.41	26.58 -1.63 0.00	26.89 -1.93 0.25	25.52 -1.86 0.00	24.33 -1.70 0.00	17.92 -1.21 1.78	16.45 -1.45 7.37	26.71 -2.03 0.13	33.76 -2.38 0.00	35.63 -1.94 0.00	63.42 -2.89 0.00	127.38 -6.40 0.00	47.34 -3.18 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
LOCUSVLY_69_KV_BK2 55797	45.17 2.11 -11.32	30.25 1.92 0.00	19.35 1.23 -1.80	18.46 1.35 0.00	20.94 1.59 0.00	33.70 2.20 0.00	38.60 2.33 0.00	49.66 3.12 0.00	34.95 2.31 0.00	30.55 2.33 0.06	36.12 2.66 -5.25	37.60 2.85 -5.68	28.51 2.63 1.50	27.66 2.44 0.80	22.41 1.97 0.46	27.28 2.26 0.25	29.84 2.35 1.39	37.36 2.73 1.50	39.77 2.21 0.00	69.88 3.56 0.00	138.77 4.99 0.00	53.03 2.51 0.00	41.48 2.54 0.00	31.90 2.22 0.00
LONG_LAKE_PHOENIX 24014	30.98 -0.75 0.00	27.65 -0.68 0.00	15.97 -0.35 0.00	16.72 -0.39 0.00	18.93 -0.43 0.00	30.83 -0.67 0.00	35.40 -0.87 0.00	45.29 -1.25 0.00	31.82 -0.83 0.00	27.61 -0.67 0.00	27.39 -0.82 0.00	28.13 -0.94 0.00	26.49 -0.89 0.00	25.23 -0.80 0.00	20.27 -0.64 0.00	24.53 -0.74 0.00	28.02 -0.86 0.00	35.14 -1.01 0.00	36.71 -0.85 0.00	64.96 -1.36 0.00	130.87 -2.91 0.00	49.37 -1.16 0.00	38.01 -0.92 0.00	29.08 -0.59 0.00
LOVETT___3 23632	32.96 1.23 0.00	29.52 1.19 0.00	17.14 0.81 0.00	18.05 0.94 0.00	20.45 1.10 0.00	32.90 1.40 0.00	37.87 1.60 0.00	48.81 2.27 0.00	34.30 1.65 0.00	29.88 1.60 0.00	30.04 1.83 0.00	31.06 2.00 0.00	29.27 1.89 0.00	27.75 1.73 0.00	22.31 1.41 0.00	26.96 1.69 0.00	30.69 1.82 0.00	38.38 2.24 0.00	39.64 2.08 0.00	69.63 3.32 0.00	138.65 4.87 0.00	52.67 2.15 0.00	40.96 2.03 0.00	31.42 1.75 0.00
LOVETT___4 23642	32.96 1.23 0.00	29.52 1.19 0.00	17.14 0.81 0.00	18.05 0.94 0.00	20.45 1.10 0.00	32.90 1.40 0.00	37.87 1.60 0.00	48.81 2.27 0.00	34.30 1.65 0.00	29.88 1.60 0.00	30.04 1.83 0.00	31.06 2.00 0.00	29.27 1.89 0.00	27.75 1.73 0.00	22.31 1.41 0.00	26.96 1.69 0.00	30.69 1.82 0.00	38.38 2.24 0.00	39.64 2.08 0.00	69.63 3.32 0.00	138.65 4.87 0.00	52.67 2.15 0.00	40.96 2.03 0.00	31.42 1.75 0.00
LOVETT___5 23593	32.96 1.23 0.00	29.52 1.19 0.00	17.14 0.81 0.00	18.05 0.94 0.00	20.45 1.10 0.00	32.90 1.40 0.00	37.87 1.60 0.00	48.81 2.27 0.00	34.30 1.65 0.00	29.88 1.60 0.00	30.04 1.83 0.00	31.06 2.00 0.00	29.27 1.89 0.00	27.75 1.73 0.00	22.31 1.41 0.00	26.96 1.69 0.00	30.69 1.82 0.00	38.38 2.24 0.00	39.64 2.08 0.00	69.63 3.32 0.00	138.65 4.87 0.00	52.67 2.15 0.00	40.96 2.03 0.00	31.42 1.75 0.00
LOWER RAQUET___HYD 24057	31.37 -0.37 0.00	27.92 -0.41 0.00	15.91 -0.42 0.00	16.64 -0.46 0.00	18.76 -0.60 0.00	30.86 -0.63 0.00	35.91 -0.36 0.00	46.02 -0.51 0.00	32.08 -0.57 0.00	27.66 -0.62 0.00	27.65 -0.55 0.00	28.58 -0.49 0.00	26.94 -0.45 0.00	25.56 -0.47 0.00	20.48 -0.43 0.00	24.49 -0.78 0.00	27.97 -0.91 0.00	35.03 -1.11 0.00	36.41 -1.15 0.00	64.93 -1.39 0.00	132.78 -1.01 0.00	50.02 -0.50 0.00	38.31 -0.63 0.00	28.87 -0.81 0.00
LOWER___HUDSON 24059	32.47 0.73 0.00	29.05 0.73 0.00	16.86 0.54 0.00	17.69 0.58 0.00	20.00 0.65 0.00	32.21 0.71 0.00	37.01 0.74 0.00	47.69 1.15 0.00	33.42 0.78 0.00	28.82 0.54 0.00	28.60 0.40 0.00	29.48 0.42 0.00	27.73 0.35 0.00	26.35 0.32 0.00	21.16 0.25 0.00	25.74 0.47 0.00	29.39 0.52 0.00	36.74 0.60 0.00	38.32 0.77 0.00	67.78 1.47 0.00	136.28 2.50 0.00	51.62 1.09 0.00	39.83 0.90 0.00	30.59 0.92 0.00
LOWVILLE_115KV_TB2 356335	32.10 0.36 0.00	28.49 0.17 0.00	16.26 -0.06 0.00	16.95 -0.16 0.00	19.08 -0.27 0.00	31.58 0.08 0.00	36.37 0.11 0.00	46.56 0.02 0.00	32.53 -0.12 0.00	28.27 -0.01 0.00	28.24 0.03 0.00	28.89 -0.18 0.00	27.08 -0.30 0.00	25.46 -0.56 0.00	20.15 -0.76 0.00	23.94 -1.34 0.00	27.43 -1.45 0.00	34.75 -1.40 0.00	36.76 -0.80 0.00	66.97 0.66 0.00	136.65 2.87 0.00	51.77 1.25 0.00	39.65 0.72 0.00	30.08 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.91 1.18 0.00	29.42 1.09 0.00	17.06 0.73 0.00	17.89 0.78 0.00	20.25 0.89 0.00	32.67 1.18 0.00	37.61 1.34 0.00	48.44 1.90 0.00	33.90 1.26 0.00	29.22 0.94 0.00	29.01 0.80 0.00	29.91 0.84 0.00	28.12 0.74 0.00	26.70 0.67 0.00	21.42 0.52 0.00	26.10 0.83 0.00	29.90 1.03 0.00	37.49 1.35 0.00	39.12 1.57 0.00	69.33 3.02 0.00	139.41 5.63 0.00	52.72 2.20 0.00	40.58 1.64 0.00	31.08 1.41 0.00

LUTHERNY_35_KV_BK2 355980	32.92 1.18 0.00	29.42 1.09 0.00	17.05 0.73 0.00	17.89 0.78 0.00	20.26 0.90 0.00	32.70 1.20 0.00	37.63 1.37 0.00	48.49 1.95 0.00	33.93 1.29 0.00	29.23 0.95 0.00	29.03 0.82 0.00	29.93 0.86 0.00	28.14 0.75 0.00	26.70 0.68 0.00	21.42 0.51 0.00	26.13 0.86 0.00	29.93 1.06 0.00	37.61 1.47 0.00	39.18 1.62 0.00	69.42 3.11 0.00	139.56 5.77 0.00	52.78 2.25 0.00	40.58 1.64 0.00	31.08 1.40 0.00
LWR___OSWEGATCHIE_HYD 23850	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.47 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.51 0.00	34.47 -1.68 0.00	36.18 -1.38 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
LYONS_FALL_HYD 23570	32.13 0.40 0.00	28.58 0.25 0.00	16.38 0.06 0.00	17.11 0.00 0.00	19.30 -0.05 0.00	31.74 0.24 0.00	36.55 0.28 0.00	46.80 0.26 0.00	32.76 0.12 0.00	28.48 0.20 0.00	28.42 0.21 0.00	29.09 0.02 0.00	27.30 -0.09 0.00	25.78 -0.24 0.00	20.54 -0.37 0.00	24.56 -0.72 0.00	28.13 -0.74 0.00	35.52 -0.62 0.00	37.40 -0.16 0.00	67.37 1.06 0.00	136.70 2.92 0.00	51.72 1.19 0.00	39.67 0.74 0.00	30.15 0.48 0.00
MADISON___COUNTY_LFGE 323628	32.32 0.58 0.00	28.81 0.48 0.00	16.63 0.30 0.00	17.40 0.29 0.00	19.70 0.34 0.00	32.10 0.60 0.00	36.96 0.70 0.00	47.33 0.79 0.00	33.23 0.59 0.00	28.95 0.67 0.00	28.78 0.57 0.00	29.38 0.31 0.00	27.59 0.20 0.00	26.22 0.19 0.00	21.12 0.21 0.00	25.50 0.23 0.00	29.18 0.30 0.00	36.75 0.61 0.00	38.54 0.98 0.00	68.39 2.08 0.00	137.76 3.98 0.00	51.97 1.45 0.00	39.96 1.02 0.00	30.43 0.75 0.00
MALONE___115KV_TB1 356076	32.10 0.37 0.00	28.59 0.26 0.00	16.33 0.01 0.00	17.11 0.00 0.00	19.27 -0.08 0.00	31.60 0.10 0.00	36.64 0.37 0.00	47.07 0.53 0.00	32.88 0.24 0.00	28.30 0.02 0.00	28.28 0.08 0.00	29.23 0.16 0.00	27.63 0.24 0.00	26.24 0.21 0.00	21.09 0.19 0.00	25.23 -0.04 0.00	29.06 0.19 0.00	36.39 0.25 0.00	37.72 0.16 0.00	66.85 0.53 0.00	136.00 2.22 0.00	51.11 0.59 0.00	39.07 0.13 0.00	29.42 -0.25 0.00
MAPLEWOD_115KV_TB3 80458	32.28 0.55 0.00	28.93 0.61 0.00	16.81 0.49 0.00	17.64 0.53 0.00	19.93 0.58 0.00	32.06 0.56 0.00	36.84 0.57 0.00	47.42 0.88 0.00	33.32 0.67 0.00	28.81 0.53 0.00	28.65 0.44 0.00	29.53 0.46 0.00	27.80 0.42 0.00	26.44 0.42 0.00	21.23 0.32 0.00	25.79 0.52 0.00	29.41 0.54 0.00	36.77 0.63 0.00	38.31 0.75 0.00	67.61 1.30 0.00	135.69 1.91 0.00	51.44 0.92 0.00	39.72 0.78 0.00	30.51 0.84 0.00
MAPLE_RIDGE_WT_1 323574	31.63 -0.10 0.00	28.14 -0.18 0.00	16.10 -0.22 0.00	16.88 -0.23 0.00	19.08 -0.27 0.00	31.21 -0.28 0.00	35.89 -0.37 0.00	46.34 -0.20 0.00	32.45 -0.19 0.00	27.95 -0.33 0.00	28.14 -0.07 0.00	28.99 -0.08 0.00	27.27 -0.12 0.00	25.80 -0.22 0.00	20.63 -0.28 0.00	24.90 -0.38 0.00	28.48 -0.40 0.00	35.73 -0.41 0.00	37.13 -0.43 0.00	66.11 -0.20 0.00	133.66 -0.12 0.00	50.45 -0.07 0.00	38.81 -0.13 0.00	29.54 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	31.63 -0.10 0.00	28.14 -0.18 0.00	16.10 -0.22 0.00	16.88 -0.23 0.00	19.08 -0.27 0.00	31.21 -0.28 0.00	35.89 -0.37 0.00	46.34 -0.20 0.00	32.45 -0.19 0.00	27.95 -0.33 0.00	28.14 -0.07 0.00	28.99 -0.08 0.00	27.27 -0.12 0.00	25.80 -0.22 0.00	20.63 -0.28 0.00	24.90 -0.38 0.00	28.48 -0.40 0.00	35.73 -0.41 0.00	37.13 -0.43 0.00	66.11 -0.20 0.00	133.66 -0.12 0.00	50.45 -0.07 0.00	38.81 -0.13 0.00	29.54 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	32.21 0.47 0.00	28.71 0.38 0.00	16.44 0.11 0.00	17.21 0.10 0.00	19.40 0.05 0.00	31.76 0.26 0.00	36.72 0.46 0.00	47.24 0.70 0.00	33.05 0.41 0.00	28.45 0.17 0.00	28.44 0.23 0.00	29.36 0.29 0.00	27.72 0.33 0.00	26.33 0.31 0.00	21.13 0.22 0.00	25.29 0.02 0.00	29.30 0.42 0.00	36.56 0.42 0.00	37.93 0.37 0.00	67.03 0.72 0.00	135.96 2.18 0.00	51.05 0.53 0.00	39.07 0.13 0.00	29.49 -0.18 0.00
MARSHVLE_115KV_TB1 80742	33.09 1.36 0.00	29.51 1.18 0.00	16.97 0.65 0.00	17.76 0.64 0.00	20.07 0.71 0.00	32.95 1.46 0.00	37.94 1.67 0.00	48.21 1.67 0.00	33.55 0.90 0.00	29.07 0.79 0.00	29.00 0.79 0.00	29.72 0.65 0.00	27.87 0.49 0.00	26.38 0.36 0.00	21.18 0.27 0.00	25.70 0.43 0.00	29.37 0.49 0.00	37.09 0.95 0.00	39.14 1.58 0.00	69.83 3.51 0.00	140.81 7.02 0.00	53.30 2.77 0.00	40.93 1.99 0.00	31.06 1.38 0.00
MARSH_HILL_WT_PWR 323713	30.01 -1.73 0.00	26.55 -1.77 0.00	15.52 -0.80 0.00	16.23 -0.87 0.00	18.34 -1.02 0.00	30.32 -1.18 0.00	35.46 -0.80 0.00	45.39 -1.16 0.00	31.50 -1.14 0.00	28.83 -1.17 -1.72	26.71 -1.50 0.00	28.26 -1.86 -1.05	25.68 -1.71 0.00	24.57 -1.45 0.00	27.22 -1.21 -7.52	54.95 -1.38 -31.05	28.04 -1.40 -0.56	34.80 -1.34 0.00	36.98 -0.58 0.00	66.49 0.18 0.00	133.93 0.15 0.00	50.03 -0.50 0.00	38.13 -0.81 0.00	28.70 -0.98 0.00
MCINTYRE_115KV_TB2 80467	32.42 0.68 0.00	28.86 0.54 0.00	16.44 0.11 0.00	17.21 0.10 0.00	19.41 0.06 0.00	31.95 0.45 0.00	37.15 0.88 0.00	47.43 0.88 0.00	32.85 0.20 0.00	28.26 -0.02 0.00	28.28 0.07 0.00	29.28 0.22 0.00	27.62 0.23 0.00	26.25 0.22 0.00	21.01 0.10 0.00	25.16 -0.11 0.00	28.71 -0.17 0.00	35.94 -0.20 0.00	37.31 -0.25 0.00	66.76 0.45 0.00	137.24 3.46 0.00	51.81 1.29 0.00	39.63 0.70 0.00	29.82 0.15 0.00
MECO_____69_KV_BK1 80468	33.37 1.63 0.00	29.78 1.45 0.00	17.17 0.85 0.00	17.98 0.87 0.00	20.33 0.98 0.00	33.21 1.71 0.00	38.23 1.96 0.00	48.77 2.23 0.00	33.70 1.05 0.00	28.97 0.70 0.00	28.80 0.59 0.00	29.44 0.37 0.00	27.67 0.28 0.00	26.12 0.09 0.00	21.00 0.09 0.00	25.49 0.22 0.00	29.33 0.45 0.00	37.07 0.93 0.00	39.34 1.78 0.00	70.55 4.24 0.00	142.37 8.59 0.00	53.88 3.35 0.00	41.37 2.43 0.00	31.46 1.79 0.00
MENANDS___115KV_TB5 355628	32.11 0.38 0.00	28.79 0.47 0.00	16.74 0.42 0.00	17.57 0.46 0.00	19.85 0.50 0.00	31.89 0.40 0.00	36.64 0.38 0.00	47.15 0.61 0.00	33.15 0.50 0.00	28.68 0.40 0.00	28.52 0.31 0.00	29.42 0.35 0.00	27.70 0.31 0.00	26.33 0.30 0.00	21.15 0.25 0.00	25.67 0.40 0.00	29.26 0.38 0.00	36.54 0.40 0.00	38.05 0.49 0.00	67.09 0.78 0.00	134.63 0.85 0.00	51.06 0.54 0.00	39.45 0.51 0.00	30.34 0.66 0.00
MG INDUSTRY___DRP 24185	32.16 0.42 0.00	28.82 0.50 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.49 0.00	31.97 0.47 0.00	36.72 0.45 0.00	47.15 0.61 0.00	33.07 0.43 0.00	28.61 0.33 0.00	28.41 0.20 0.00	29.24 0.17 0.00	27.47 0.09 0.00	26.15 0.12 0.00	21.00 0.09 0.00	25.43 0.16 0.00	29.00 0.12 0.00	36.28 0.13 0.00	37.92 0.36 0.00	67.05 0.74 0.00	134.82 1.04 0.00	51.11 0.58 0.00	39.46 0.53 0.00	30.29 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.47 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.51 0.00	34.47 -1.68 0.00	36.18 -1.38 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
MID___RAQUETTE_HYD 23851	31.36 -0.37 0.00	27.92 -0.41 0.00	15.90 -0.42 0.00	16.65 -0.46 0.00	18.76 -0.60 0.00	30.86 -0.63 0.00	35.91 -0.36 0.00	46.02 -0.52 0.00	32.08 -0.57 0.00	27.66 -0.62 0.00	27.65 -0.55 0.00	28.58 -0.49 0.00	26.94 -0.45 0.00	25.56 -0.47 0.00	20.48 -0.43 0.00	24.50 -0.77 0.00	27.97 -0.91 0.00	35.03 -1.11 0.00	36.41 -1.15 0.00	64.93 -1.39 0.00	132.78 -1.00 0.00	50.02 -0.50 0.00	38.31 -0.63 0.00	28.86 -0.81 0.00
MILLIKEN___1 23584	31.91 0.17 0.00	28.47 0.14 0.00	16.48 0.16 0.00	17.24 0.13 0.00	19.52 0.16 0.00	31.83 0.34 0.00	36.66 0.40 0.00	46.93 0.39 0.00	32.96 0.31 0.00	28.84 0.43 -0.13	28.32 0.11 0.00	28.97 -0.17 -0.08	27.15 -0.24 0.00	25.83 -0.20 0.00	21.38 -0.10 -0.56	27.52 -0.04 -2.29	28.95 0.04 -0.04	36.40 0.26 0.00	38.24 0.68 0.00	67.72 1.41 0.00	136.06 2.28 0.00	51.25 0.73 0.00	39.43 0.49 0.00	30.07 0.39 0.00
MILLIKEN___2 23585	31.91 0.17 0.00	28.47 0.14 0.00	16.48 0.16 0.00	17.24 0.13 0.00	19.52 0.16 0.00	31.83 0.34 0.00	36.66 0.40 0.00	46.93 0.39 0.00	32.96 0.31 0.00	28.84 0.43 -0.13	28.32 0.11 0.00	28.97 -0.17 -0.08	27.15 -0.24 0.00	25.83 -0.20 0.00	21.38 -0.10 -0.56	27.52 -0.04 -2.29	28.95 0.04 -0.04	36.40 0.26 0.00	38.24 0.68 0.00	67.72 1.41 0.00	136.06 2.28 0.00	51.25 0.73 0.00	39.43 0.49 0.00	30.07 0.39 0.00
MILLIKEN___DIESEL 23629	31.91 0.17 0.00	28.47 0.14 0.00	16.48 0.16 0.00	17.24 0.13 0.00	19.52 0.16 0.00	31.83 0.34 0.00	36.66 0.40 0.00	46.93 0.39 0.00	32.96 0.31 0.00	28.84 0.43 -0.13	28.32 0.11 0.00	28.97 -0.17 -0.08	27.15 -0.24 0.00	25.83 -0.20 0.00	21.38 -0.10 -0.56	27.52 -0.04 -2.29	28.95 0.04 -0.04	36.40 0.26 0.00	38.24 0.68 0.00	67.72 1.41 0.00	136.06 2.28 0.00	51.25 0.73 0.00	39.43 0.49 0.00	30.07 0.39 0.00
MILLSEAT___LFGE 323607	30.15 -1.59 0.00	26.90 -1.42 0.00	15.60 -0.72 0.00	16.21 -0.90 0.00	18.31 -1.04 0.00	30.66 -0.84 0.00	35.51 -0.75 0.00	45.26 -1.28 0.00	31.48 -1.16 0.00	26.95 -1.03 0.30	27.01 -1.20 0.00	27.43 -1.46 0.18	25.97 -1.42 0.00	24.75 -1.28 0.00	18.71 -0.88 1.32	18.77 -1.05 5.45	27.23 -1.55 0.10	34.44 -1.70 0.00	36.37 -1.20 0.00	65.06 -1.25 0.00	131.03 -2.75 0.00	48.75 -1.78 0.00	37.22 -1.71 0.00	28.51 -1.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.06 1.32 0.00	29.60 1.27 0.00	17.19 0.86 0.00	18.10 0.99 0.00	20.51 1.15 0.00	32.98 1.48 0.00	37.95 1.69 0.00	48.93 2.38 0.00	34.40 1.75 0.00	29.99 1.69 -0.02	30.16 1.91 -0.04	31.76 2.08 -0.61	29.88 1.95 -0.54	28.14 1.80 -0.32	22.56 1.46 -0.19	27.10 1.74 -0.09	31.26 1.87 -0.51	38.99 2.30 -0.55	39.69 2.13 0.00	69.71 3.40 0.00	138.90 5.12 0.00	52.76 2.24 0.00	41.01 2.07 0.00	31.48 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	33.10 1.36 0.00	29.64 1.31 0.00	17.21 0.88 0.00	18.11 1.00 0.00	20.54 1.18 0.00	33.02 1.52 0.00	38.01 1.74 0.00	49.00 2.46 0.00	34.45 1.80 0.00	30.04 1.74 -0.02	30.20 1.96 -0.04	31.80 2.12 -0.61	29.93 2.00 -0.54	28.18 1.84 -0.32	22.59 1.49 -0.19	27.15 1.79 -0.09	31.30 1.92 -0.51	39.05 2.36 -0.55	39.75 2.19 0.00	69.80 3.49 0.00	139.10 5.32 0.00	52.85 2.32 0.00	41.07 2.14 0.00	31.52 1.84 0.00
MODEL_CITY_ENERGY 24167	29.05 -2.68 0.00	25.96 -2.37 0.00	15.08 -1.25 0.00	15.66 -1.45 0.00	17.67 -1.68 0.00	29.64 -1.86 0.00	34.26 -2.00 0.00	43.52 -3.02 0.00	30.37 -2.28 0.00	26.10 -1.78 0.40	26.32 -1.89 0.00	26.65 -2.18 0.24	25.27 -2.11 0.00	24.08 -1.94 0.00	17.82 -1.36 1.73	16.49 -1.60 7.18	26.46 -2.29 0.13	33.39 -2.75 0.00	35.22 -2.34 0.00	62.64 -3.67 0.00	125.84 -7.94 0.00	46.77 -3.75 0.00	35.79 -3.14 0.00	27.49 -2.18 0.00
MODERN_LFGE___ 323580	29.05 -2.68 0.00	25.96 -2.37 0.00	15.08 -1.25 0.00	15.66 -1.45 0.00	17.67 -1.68 0.00	29.64 -1.86 0.00	34.26 -2.00 0.00	43.52 -3.02 0.00	30.37 -2.28 0.00	26.10 -1.78 0.40	26.32 -1.89 0.00	26.65 -2.18 0.24	25.27 -2.11 0.00	24.08 -1.94 0.00	17.82 -1.36 1.73	16.49 -1.60 7.18	26.46 -2.29 0.13	33.39 -2.75 0.00	35.22 -2.34 0.00	62.64 -3.67 0.00	125.84 -7.94 0.00	46.77 -3.75 0.00	35.79 -3.14 0.00	27.49 -2.18 0.00
MOHAWK_PAPER___DRP 24187	32.28 0.55 0.00	28.93 0.61 0.00	16.81 0.49 0.00	17.64 0.53 0.00	19.93 0.58 0.00	32.06 0.56 0.00	36.84 0.57 0.00	47.42 0.88 0.00	33.32 0.67 0.00	28.81 0.53 0.00	28.65 0.44 0.00	29.53 0.46 0.00	27.80 0.42 0.00	26.44 0.42 0.00	21.23 0.32 0.00	25.79 0.52 0.00	29.41 0.54 0.00	36.77 0.63 0.00	38.31 0.75 0.00	67.61 1.30 0.00	135.69 1.91 0.00	51.44 0.92 0.00	39.72 0.78 0.00	30.51 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	33.12 1.38 0.00	29.57 1.24 0.00	17.18 0.85 0.00	18.02 0.91 0.00	20.39 1.03 0.00	32.84 1.34 0.00	37.91 1.65 0.00	49.02 2.48 0.00	34.25 1.60 0.00	29.36 1.08 0.00	29.07 0.86 0.00	30.03 0.96 0.00	28.17 0.78 0.00	26.74 0.71 0.00	21.41 0.50 0.00	26.26 0.98 0.00	30.17 1.29 0.00	37.77 1.63 0.00	39.48 1.92 0.00	70.27 3.95 0.00	141.39 7.61 0.00	53.37 2.85 0.00	41.03 2.09 0.00	31.39 1.71 0.00
MONGAUP___HYD 23641	32.86 1.12 0.00	29.37 1.04 0.00	17.14 0.82 0.00	18.02 0.91 0.00	20.38 1.02 0.00	32.70 1.20 0.00	37.62 1.36 0.00	47.86 1.32 0.00	33.60 0.95 0.00	29.18 0.90 0.00	29.24 1.03 0.00	30.32 1.25 0.00	28.51 1.13 0.00	26.98 0.96 0.00	21.50 0.59 0.00	25.92 0.65 0.00	29.58 0.70 0.00	37.25 1.11 0.00	38.80 1.24 0.00	68.62 2.31 0.00	137.24 3.46 0.00	52.36 1.83 0.00	40.53 1.59 0.00	31.29 1.62 0.00
MONTAUK___DIESEL 23721	43.71 3.99 -7.99	31.83 3.50 0.00	20.48 2.17 -1.99	19.44 2.33 0.00	21.99 2.63 0.00	35.68 4.18 0.00	40.80 4.53 0.00	52.49 5.95 0.00	45.09 4.24 -8.21	104.72 4.11 -72.33	45.29 4.52 -12.55	70.94 4.78 -37.09	58.08 4.30 -26.39	30.30 3.81 -0.46	102.43 2.85 -78.67	84.96 3.14 -56.55	201.32 3.07 -169.37	225.26 3.94 -185.18	194.93 2.92 -154.44	176.59 5.85 -104.42	282.38 10.62 -137.98	175.01 4.34 -120.15	215.07 3.48 -172.64	243.16 3.06 -210.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.66 -2.08 0.00	26.30 -2.03 0.00	15.40 -0.92 0.00	16.08 -1.03 0.00	18.17 -1.18 0.00	30.96 -0.54 0.00	35.74 -0.52 0.00	45.68 -0.86 0.00	31.56 -1.08 0.00	27.28 -0.62 0.38	27.88 -0.33 0.00	28.33 -0.50 0.23	26.84 -0.55 0.00	25.56 -0.46 0.00	18.68 -0.56 1.67	17.64 -0.71 6.92	27.80 -0.95 0.12	35.80 -0.35 0.00	37.89 0.33 0.00	67.43 1.12 0.00	134.75 0.97 0.00	50.03 -0.49 0.00	37.71 -1.23 0.00	28.29 -1.38 0.00

MORRIS RIDGE___SOLAR 323848	30.02 -1.72 0.00	26.65 -1.67 0.00	15.54 -0.78 0.00	16.22 -0.89 0.00	18.32 -1.03 0.00	30.31 -1.19 0.00	35.25 -1.01 0.00	45.11 -1.44 0.00	31.25 -1.40 0.00	24.42 -1.40 2.47	26.58 -1.63 0.00	25.62 -1.94 1.51	25.58 -1.81 0.00	24.41 -1.62 0.00	8.80 -1.33 10.78	-20.93 -1.54 44.66	26.30 -1.78 0.80	34.31 -1.83 0.00	36.47 -1.09 0.00	65.54 -0.77 0.00	131.81 -1.98 0.00	49.30 -1.23 0.00	37.75 -1.19 0.00	28.63 -1.05 0.00
MORTIMER_115KV_TB3 55949	30.50 -1.23 0.00	27.23 -1.10 0.00	15.75 -0.57 0.00	16.42 -0.69 0.00	18.57 -0.78 0.00	30.76 -0.74 0.00	35.51 -0.76 0.00	45.40 -1.14 0.00	31.74 -0.91 0.00	27.55 -0.73 0.00	27.39 -0.81 0.00	28.09 -0.98 0.00	26.45 -0.93 0.00	25.19 -0.84 0.00	20.30 -0.61 0.00	24.51 -0.77 0.00	27.94 -0.93 0.00	35.11 -1.03 0.00	36.88 -0.68 0.00	65.44 -0.88 0.00	131.51 -2.28 0.00	49.11 -1.41 0.00	37.62 -1.32 0.00	28.77 -0.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.24 1.74 0.00	38.26 1.99 0.00	49.36 2.82 0.00	34.76 2.12 0.00	31.36 2.03 -1.05	32.38 2.24 -1.93	62.38 2.43 -30.88	57.19 2.28 -27.53	44.25 2.10 -16.13	32.29 1.71 -9.68	31.91 2.04 -4.60	56.68 2.19 -25.61	66.49 2.68 -27.66	40.04 2.48 0.00	70.28 3.96 0.00	139.78 5.99 0.00	53.13 2.61 0.00	41.29 2.36 0.00	31.72 2.05 0.00
MUNSVILLE_WIND_PWR 323609	33.20 1.47 0.00	29.61 1.28 0.00	17.12 0.80 0.00	17.90 0.79 0.00	20.40 1.04 0.00	33.31 1.81 0.00	38.31 2.05 0.00	49.01 2.47 0.00	34.42 1.78 0.00	30.23 1.86 -0.09	29.47 1.26 0.00	29.88 0.76 -0.05	28.15 0.76 0.00	26.55 0.53 0.00	21.71 0.41 -0.40	27.92 1.02 -1.63	30.17 1.27 -0.03	38.38 2.24 0.00	40.64 3.08 0.00	71.72 5.41 0.00	144.44 10.65 0.00	54.25 3.72 0.00	41.54 2.60 0.00	31.51 1.83 0.00
N SALMON___HYD 24042	32.10 0.37 0.00	28.59 0.26 0.00	16.33 0.01 0.00	17.11 0.00 0.00	19.27 -0.08 0.00	31.60 0.10 0.00	36.64 0.37 0.00	47.07 0.53 0.00	32.88 0.23 0.00	28.30 0.03 0.00	28.28 0.08 0.00	29.23 0.16 0.00	27.63 0.24 0.00	26.24 0.21 0.00	21.09 0.19 0.00	25.23 -0.04 0.00	29.07 0.19 0.00	36.39 0.25 0.00	37.72 0.16 0.00	66.85 0.54 0.00	136.00 2.22 0.00	51.11 0.59 0.00	39.07 0.13 0.00	29.42 -0.25 0.00
N.AKRON__115KV_KNAPP 355671	30.05 -1.69 0.00	26.82 -1.51 0.00	15.56 -0.77 0.00	16.15 -0.95 0.00	18.26 -1.10 0.00	30.58 -0.92 0.00	35.40 -0.86 0.00	45.11 -1.43 0.00	31.40 -1.25 0.00	26.91 -1.05 0.33	27.01 -1.20 0.00	27.39 -1.48 0.20	25.97 -1.42 0.00	24.74 -1.28 0.00	18.60 -0.88 1.42	18.32 -1.07 5.89	27.23 -1.54 0.10	34.41 -1.73 0.00	36.29 -1.27 0.00	64.87 -1.45 0.00	130.56 -3.23 0.00	48.56 -1.96 0.00	37.10 -1.83 0.00	28.42 -1.25 0.00
N.E_GEN_SANDY PD 24062	32.45 0.71 0.00	29.10 0.78 0.00	21.64 0.58 -4.73	24.30 0.64 -6.55	24.21 0.71 -4.14	32.23 0.73 0.00	37.63 0.73 -0.63	51.14 1.23 -3.37	33.46 0.81 0.00	28.83 0.55 0.00	28.53 0.33 0.00	29.42 0.36 0.00	27.68 0.30 0.00	26.28 0.26 0.00	21.10 0.19 0.00	25.88 0.45 -0.16	29.28 0.40 0.00	36.13 0.34 0.35	38.08 0.51 0.00	67.42 1.11 0.00	135.60 1.82 0.00	51.45 0.93 0.00	40.50 0.83 -0.73	31.13 0.96 -0.50
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.03 1.29 0.00	29.57 1.24 0.00	17.16 0.84 0.00	18.07 0.96 0.00	20.48 1.13 0.00	32.95 1.45 0.00	37.92 1.65 0.00	48.88 2.33 0.00	34.34 1.69 0.00	29.92 1.64 0.00	30.09 1.88 0.00	31.12 2.06 0.00	29.33 1.95 0.00	27.79 1.77 0.00	22.35 1.44 0.00	27.01 1.74 0.00	30.78 1.91 0.00	38.52 2.38 0.00	39.78 2.22 0.00	69.86 3.55 0.00	139.17 5.39 0.00	52.84 2.31 0.00	41.08 2.15 0.00	31.51 1.83 0.00
N.QUEENS_27_KV_LOAD 356247	33.27 1.54 0.00	29.79 1.46 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.52 1.17 0.00	31.67 1.41 1.24	32.07 1.66 5.85	32.41 2.40 16.53	32.06 1.97 2.55	31.06 2.01 -0.77	31.78 2.19 -1.38	53.52 2.41 -22.04	49.30 2.26 -19.65	39.64 2.10 -11.52	30.24 1.72 -7.62	30.60 2.03 -3.29	49.30 2.14 -18.28	58.51 2.61 -19.75	40.04 2.48 0.00	69.90 3.59 0.00	139.25 5.47 0.00	53.26 2.73 0.00	41.40 2.46 0.00	31.84 2.16 0.00
N.TROY___115KV_TB1 355778	32.47 0.73 0.00	29.05 0.73 0.00	16.86 0.54 0.00	17.69 0.58 0.00	20.01 0.65 0.00	32.21 0.71 0.00	37.01 0.75 0.00	47.69 1.15 0.00	33.42 0.78 0.00	28.82 0.54 0.00	28.60 0.39 0.00	29.49 0.42 0.00	27.73 0.35 0.00	26.35 0.32 0.00	21.16 0.25 0.00	25.74 0.47 0.00	29.39 0.52 0.00	36.74 0.60 0.00	38.33 0.77 0.00	67.78 1.47 0.00	136.28 2.50 0.00	51.61 1.09 0.00	39.83 0.90 0.00	30.59 0.92 0.00
NARROWS_GT1_1 24228	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_2 24229	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_3 24230	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_4 24231	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_5 24232	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00

NARROWS_GT1_6 24233	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_7 24234	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT1_8 24235	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_1 24236	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_2 24237	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_3 24238	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_4 24239	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_5 24240	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_6 24241	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_7 24242	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NARROWS_GT2_8 24243	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.86 1.12 0.00	29.41 1.08 0.00	17.07 0.75 0.00	17.92 0.80 0.00	20.24 0.89 0.00	32.65 1.15 0.00	37.60 1.33 0.00	48.36 1.82 0.00	33.94 1.29 0.00	29.33 1.05 0.00	29.09 0.88 0.00	29.88 0.82 0.00	28.03 0.64 0.00	26.66 0.63 0.00	21.39 0.48 0.00	25.88 0.61 0.00	29.59 0.72 0.00	37.20 1.06 0.00	39.13 1.57 0.00	69.33 3.02 0.00	138.96 5.18 0.00	52.84 2.32 0.00	40.71 1.77 0.00	31.17 1.49 0.00
NCHELSEA_115KV_TR2 355582	33.23 1.50 0.00	29.73 1.41 0.00	17.26 0.94 0.00	18.16 1.05 0.00	20.57 1.22 0.00	33.11 1.61 0.00	38.12 1.86 0.00	49.13 2.59 0.00	34.55 1.90 0.00	30.09 1.81 0.00	30.20 1.99 0.00	31.23 2.16 0.00	29.44 2.06 0.00	27.92 1.89 0.00	22.43 1.52 0.00	27.09 1.82 0.00	30.87 2.00 0.00	38.65 2.51 0.00	39.99 2.44 0.00	70.29 3.97 0.00	140.22 6.43 0.00	53.19 2.67 0.00	41.25 2.32 0.00	31.62 1.94 0.00
NEG CAPITAL___MECHNVIL 23645	32.95 1.21 0.00	29.44 1.12 0.00	17.08 0.75 0.00	17.91 0.80 0.00	20.27 0.91 0.00	32.69 1.20 0.00	37.63 1.36 0.00	48.49 1.95 0.00	33.94 1.30 0.00	29.25 0.97 0.00	29.06 0.85 0.00	29.95 0.88 0.00	28.16 0.78 0.00	26.75 0.73 0.00	21.47 0.57 0.00	26.16 0.88 0.00	29.96 1.08 0.00	37.55 1.41 0.00	39.20 1.64 0.00	69.41 3.10 0.00	139.55 5.77 0.00	52.79 2.26 0.00	40.64 1.70 0.00	31.13 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.20 -1.54 0.00	26.91 -1.41 0.00	15.56 -0.77 0.00	16.24 -0.87 0.00	18.37 -0.99 0.00	30.33 -1.16 0.00	34.99 -1.27 0.00	44.78 -1.76 0.00	31.34 -1.30 0.00	27.19 -1.09 0.00	26.98 -1.22 0.00	27.68 -1.39 0.00	26.10 -1.29 0.00	24.85 -1.17 0.00	20.03 -0.88 0.00	24.20 -1.07 0.00	27.60 -1.28 0.00	34.68 -1.46 0.00	36.42 -1.14 0.00	64.59 -1.72 0.00	129.73 -4.06 0.00	48.51 -2.01 0.00	37.17 -1.77 0.00	28.42 -1.26 0.00

NEG CENTRAL___DRP 24199	31.18 -0.56 0.00	27.79 -0.54 0.00	16.11 -0.21 0.00	16.85 -0.26 0.00	19.05 -0.31 0.00	31.18 -0.31 0.00	35.99 -0.28 0.00	46.09 -0.45 0.00	32.32 -0.33 0.00	28.20 -0.25 -0.17	27.69 -0.52 0.00	28.49 -0.68 -0.10	26.70 -0.69 0.00	25.45 -0.57 0.00	21.22 -0.41 -0.72	27.78 -0.45 -2.96	28.41 -0.52 -0.05	35.63 -0.52 0.00	37.44 -0.12 0.00	66.30 -0.02 0.00	133.13 -0.65 0.00	50.11 -0.41 0.00	38.54 -0.39 0.00	29.38 -0.29 0.00
NEG CENTRAL___INDECK 23768	31.17 -0.57 0.00	27.68 -0.65 0.00	16.07 -0.26 0.00	16.77 -0.34 0.00	18.95 -0.40 0.00	31.45 -0.05 0.00	36.59 0.32 0.00	46.91 0.37 0.00	32.55 -0.10 0.00	29.49 -0.56 -1.77	27.45 -0.76 0.00	29.13 -1.01 -1.08	26.54 -0.85 0.00	25.23 -0.79 0.00	28.06 -0.58 -7.73	56.53 -0.70 -31.95	28.66 -0.78 -0.57	35.41 -0.73 0.00	37.50 -0.06 0.00	67.44 1.13 0.00	136.51 2.73 0.00	51.15 0.63 0.00	39.02 0.08 0.00	29.61 -0.06 0.00
NEG CENTRAL___SENECA 23627	31.13 -0.61 0.00	27.72 -0.60 0.00	16.10 -0.22 0.00	16.82 -0.29 0.00	19.04 -0.32 0.00	31.21 -0.28 0.00	36.11 -0.15 0.00	46.31 -0.24 0.00	32.44 -0.21 0.00	28.38 -0.16 -0.27	27.73 -0.48 0.00	28.55 -0.68 -0.16	26.71 -0.68 0.00	25.46 -0.57 0.00	21.65 -0.41 -1.15	29.55 -0.43 -4.71	28.46 -0.50 -0.09	35.69 -0.46 0.00	37.59 0.03 0.00	66.56 0.24 0.00	133.51 -0.27 0.00	50.25 -0.28 0.00	38.64 -0.30 0.00	29.41 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	31.52 -0.22 0.00	28.13 -0.20 0.00	16.28 -0.04 0.00	17.04 -0.07 0.00	19.22 -0.14 0.00	31.46 -0.05 0.00	36.22 -0.05 0.00	46.18 -0.36 0.00	32.43 -0.22 0.00	28.22 -0.05 0.00	27.88 -0.33 0.00	28.60 -0.46 0.00	26.83 -0.56 0.00	25.61 -0.42 0.00	20.62 -0.29 0.00	24.96 -0.31 0.00	28.51 -0.37 0.00	35.78 -0.36 0.00	37.62 0.06 0.00	66.60 0.29 0.00	133.96 0.18 0.00	50.45 -0.07 0.00	38.83 -0.11 0.00	29.65 -0.03 0.00
NEG MILLWOOD___DRP 24198	33.28 1.54 0.00	29.77 1.45 0.00	17.29 0.96 0.00	18.19 1.08 0.00	20.61 1.25 0.00	33.16 1.66 0.00	38.19 1.92 0.00	49.23 2.69 0.00	34.64 2.00 0.00	30.18 1.90 0.00	30.30 2.09 0.00	31.34 2.27 0.00	29.53 2.14 0.00	28.00 1.98 0.00	22.51 1.61 0.00	27.18 1.91 0.00	30.95 2.07 0.00	38.73 2.59 0.00	40.06 2.51 0.00	70.38 4.07 0.00	140.34 6.55 0.00	53.25 2.73 0.00	41.31 2.37 0.00	31.67 2.00 0.00
NEG NORTH_FLCN_SEA 23793	32.53 0.80 0.00	28.99 0.66 0.00	16.63 0.31 0.00	17.42 0.31 0.00	19.63 0.27 0.00	32.12 0.62 0.00	37.14 0.87 0.00	47.82 1.28 0.00	33.43 0.79 0.00	28.70 0.42 0.00	28.68 0.48 0.00	29.64 0.57 0.00	27.98 0.59 0.00	26.58 0.55 0.00	21.32 0.42 0.00	25.59 0.31 0.00	29.69 0.81 0.00	36.96 0.82 0.00	38.40 0.84 0.00	67.87 1.55 0.00	137.48 3.70 0.00	51.66 1.14 0.00	39.55 0.62 0.00	29.86 0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	32.23 0.49 0.00	28.72 0.39 0.00	16.43 0.11 0.00	17.21 0.10 0.00	19.39 0.03 0.00	31.74 0.24 0.00	36.74 0.47 0.00	47.18 0.64 0.00	32.99 0.35 0.00	28.40 0.13 0.00	28.39 0.18 0.00	29.32 0.25 0.00	27.69 0.30 0.00	26.31 0.28 0.00	21.14 0.23 0.00	25.31 0.04 0.00	29.25 0.37 0.00	36.54 0.40 0.00	37.86 0.30 0.00	67.06 0.75 0.00	136.17 2.39 0.00	51.10 0.58 0.00	39.07 0.13 0.00	29.47 -0.21 0.00
NEG NORTH___ALICE_FALLS 23915	32.54 0.81 0.00	28.99 0.66 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.63 0.28 0.00	32.10 0.60 0.00	37.17 0.90 0.00	47.78 1.24 0.00	33.38 0.73 0.00	28.65 0.37 0.00	28.63 0.42 0.00	29.58 0.51 0.00	27.93 0.55 0.00	26.54 0.51 0.00	21.30 0.39 0.00	25.55 0.28 0.00	29.69 0.81 0.00	37.00 0.86 0.00	38.40 0.84 0.00	67.92 1.60 0.00	137.58 3.81 0.00	51.67 1.15 0.00	39.55 0.61 0.00	29.84 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	32.54 0.81 0.00	28.99 0.66 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.63 0.28 0.00	32.10 0.60 0.00	37.17 0.90 0.00	47.78 1.24 0.00	33.38 0.73 0.00	28.65 0.37 0.00	28.63 0.42 0.00	29.58 0.51 0.00	27.93 0.55 0.00	26.54 0.51 0.00	21.30 0.39 0.00	25.55 0.28 0.00	29.69 0.81 0.00	37.00 0.86 0.00	38.40 0.84 0.00	67.92 1.60 0.00	137.58 3.81 0.00	51.67 1.15 0.00	39.55 0.61 0.00	29.84 0.17 0.00
NEG NORTH___PLATTSBURG 23628	32.54 0.81 0.00	28.99 0.66 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.63 0.28 0.00	32.10 0.60 0.00	37.17 0.90 0.00	47.78 1.24 0.00	33.38 0.73 0.00	28.65 0.37 0.00	28.63 0.42 0.00	29.58 0.51 0.00	27.93 0.55 0.00	26.54 0.51 0.00	21.30 0.39 0.00	25.55 0.28 0.00	29.69 0.81 0.00	37.00 0.86 0.00	38.40 0.84 0.00	67.92 1.60 0.00	137.58 3.80 0.00	51.68 1.15 0.00	39.55 0.61 0.00	29.84 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	29.35 -2.39 0.00	26.22 -2.11 0.00	15.22 -1.11 0.00	15.81 -1.30 0.00	17.84 -1.51 0.00	29.93 -1.57 0.00	34.62 -1.64 0.00	44.02 -2.52 0.00	30.70 -1.94 0.00	26.36 -1.52 0.41	26.58 -1.63 0.00	26.88 -1.94 0.25	25.52 -1.87 0.00	24.32 -1.70 0.00	17.91 -1.22 1.78	16.43 -1.48 7.37	26.72 -2.02 0.13	33.78 -2.36 0.00	35.62 -1.94 0.00	63.42 -2.89 0.00	127.37 -6.41 0.00	47.32 -3.20 0.00	36.21 -2.73 0.00	27.79 -1.88 0.00
NEG WEST___LANCASTR 23811	30.23 -1.50 0.00	26.99 -1.34 0.00	15.71 -0.62 0.00	16.32 -0.79 0.00	18.46 -0.89 0.00	30.72 -0.78 0.00	35.60 -0.66 0.00	45.48 -1.07 0.00	31.75 -0.89 0.00	27.31 -0.56 0.41	27.53 -0.68 0.00	27.91 -0.91 0.25	26.42 -0.96 0.00	25.17 -0.86 0.00	18.48 -0.61 1.82	17.09 -0.66 7.52	27.70 -1.04 0.13	35.08 -1.06 0.00	36.88 -0.68 0.00	65.50 -0.81 0.00	131.21 -2.57 0.00	48.84 -1.69 0.00	37.40 -1.53 0.00	28.60 -1.07 0.00
NEG_PENN_ALLEGHNY 23528	31.55 -0.19 0.00	28.16 -0.17 0.00	16.37 0.05 0.00	17.12 0.01 0.00	19.41 0.05 0.00	31.54 0.04 0.00	36.36 0.10 0.00	46.72 0.18 0.00	32.78 0.13 0.00	28.56 0.28 0.00	28.38 0.17 0.00	29.10 0.03 0.00	27.39 0.00 0.00	26.02 0.00 0.00	20.92 0.01 0.00	25.35 0.08 0.00	28.94 0.06 0.00	36.37 0.23 0.00	37.99 0.43 0.00	67.13 0.81 0.00	134.45 0.66 0.00	50.60 0.07 0.00	38.98 0.05 0.00	29.75 0.07 0.00
NEG___GEN_MONROE 24207	30.63 -1.10 0.00	27.34 -0.98 0.00	15.82 -0.51 0.00	16.48 -0.63 0.00	18.64 -0.72 0.00	30.93 -0.57 0.00	35.79 -0.48 0.00	45.72 -0.82 0.00	31.90 -0.74 0.00	27.63 -0.66 0.00	27.40 -0.80 0.00	28.08 -0.99 0.00	26.44 -0.95 0.00	25.17 -0.85 0.00	20.30 -0.60 0.00	24.52 -0.75 0.00	27.91 -0.96 0.00	35.11 -1.03 0.00	36.96 -0.60 0.00	65.76 -0.56 0.00	132.34 -1.44 0.00	49.41 -1.12 0.00	37.82 -1.12 0.00	28.90 -0.77 0.00
NEPA___ENERGY 23901	30.21 -1.53 0.00	26.92 -1.40 0.00	15.80 -0.52 0.00	16.42 -0.69 0.00	18.62 -0.74 0.00	30.84 -0.66 0.00	35.69 -0.58 0.00	45.74 -0.80 0.00	31.82 -0.82 0.00	27.38 -0.43 0.46	27.79 -0.42 0.00	28.18 -0.60 0.28	26.72 -0.67 0.00	25.42 -0.60 0.00	18.40 -0.50 2.01	16.39 -0.55 8.33	27.89 -0.84 0.15	35.46 -0.68 0.00	37.32 -0.24 0.00	66.23 -0.08 0.00	132.10 -1.69 0.00	49.10 -1.42 0.00	37.63 -1.31 0.00	28.58 -1.10 0.00

NEVERSINK___HYD 23608	33.58 1.84 0.00	30.02 1.69 0.00	17.44 1.11 0.00	18.34 1.23 0.00	20.78 1.42 0.00	33.53 2.03 0.00	38.62 2.35 0.00	49.68 3.14 0.00	34.84 2.19 0.00	30.31 2.03 0.00	30.37 2.16 0.00	31.51 2.44 0.00	29.74 2.36 0.00	28.00 1.97 0.00	22.31 1.41 0.00	26.92 1.65 0.00	30.75 1.87 0.00	38.61 2.47 0.00	40.09 2.53 0.00	70.58 4.27 0.00	141.06 7.27 0.00	53.43 2.91 0.00	41.40 2.46 0.00	31.68 2.00 0.00
NEWKRMKL_115KV_TB1 55635	31.99 0.26 0.00	28.70 0.38 0.00	16.69 0.37 0.00	17.52 0.41 0.00	19.78 0.42 0.00	31.79 0.29 0.00	36.53 0.26 0.00	46.96 0.43 0.00	33.05 0.41 0.00	28.61 0.33 0.00	28.46 0.25 0.00	29.36 0.29 0.00	27.65 0.26 0.00	26.28 0.26 0.00	21.12 0.21 0.00	25.62 0.35 0.00	29.21 0.34 0.00	36.48 0.34 0.00	37.99 0.43 0.00	66.93 0.62 0.00	134.29 0.51 0.00	50.92 0.39 0.00	39.33 0.39 0.00	30.23 0.56 0.00
NEWTON___FALLS_HYD 23847	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.47 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.51 0.00	34.47 -1.68 0.00	36.18 -1.38 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
NGRID_A1_DSASP 323792	28.98 -2.75 0.00	25.90 -2.42 0.00	15.02 -1.30 0.00	15.61 -1.50 0.00	17.60 -1.76 0.00	29.54 -1.95 0.00	34.16 -2.10 0.00	43.38 -3.16 0.00	30.30 -2.34 0.00	26.02 -1.85 0.41	26.29 -1.91 0.00	26.59 -2.23 0.25	25.27 -2.12 0.00	24.07 -1.95 0.00	17.70 -1.42 1.78	16.06 -1.83 7.38	26.41 -2.33 0.13	33.34 -2.80 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.39 0.00	46.57 -3.96 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
NGRID_A2_DSASP 323793	28.98 -2.75 0.00	25.90 -2.42 0.00	15.02 -1.30 0.00	15.61 -1.50 0.00	17.60 -1.76 0.00	29.54 -1.95 0.00	34.16 -2.10 0.00	43.38 -3.16 0.00	30.30 -2.34 0.00	26.02 -1.85 0.41	26.29 -1.91 0.00	26.59 -2.23 0.25	25.27 -2.12 0.00	24.07 -1.95 0.00	17.70 -1.42 1.78	16.06 -1.83 7.38	26.41 -2.33 0.13	33.34 -2.80 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.39 0.00	46.57 -3.96 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
NGRID_A4_DSASP 323807	28.98 -2.75 0.00	25.90 -2.42 0.00	15.02 -1.30 0.00	15.61 -1.50 0.00	17.60 -1.76 0.00	29.54 -1.95 0.00	34.16 -2.10 0.00	43.38 -3.16 0.00	30.30 -2.34 0.00	26.02 -1.85 0.41	26.29 -1.91 0.00	26.59 -2.23 0.25	25.27 -2.12 0.00	24.07 -1.95 0.00	17.70 -1.42 1.78	16.06 -1.83 7.38	26.41 -2.33 0.13	33.34 -2.80 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.39 0.00	46.57 -3.96 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
NIAGARA_115E_LBMP 323715	28.89 -2.85 0.00	25.81 -2.51 0.00	15.00 -1.33 0.00	15.57 -1.54 0.00	17.58 -1.78 0.00	29.48 -2.02 0.00	34.06 -2.20 0.00	43.25 -3.29 0.00	30.19 -2.45 0.00	25.96 -1.92 0.40	26.18 -2.03 0.00	26.50 -2.32 0.25	25.14 -2.25 0.00	23.95 -2.07 0.00	17.69 -1.44 1.77	16.24 -1.68 7.35	26.31 -2.44 0.13	33.19 -2.95 0.00	35.01 -2.55 0.00	62.23 -4.08 0.00	124.98 -8.80 0.00	46.46 -4.07 0.00	35.56 -3.37 0.00	27.33 -2.34 0.00
NIAGARA_115W_LBMP 323714	28.89 -2.85 0.00	25.82 -2.50 0.00	14.98 -1.34 0.00	15.56 -1.55 0.00	17.55 -1.81 0.00	29.46 -2.04 0.00	34.05 -2.22 0.00	43.23 -3.31 0.00	30.20 -2.45 0.00	25.92 -1.95 0.40	26.21 -2.00 0.00	26.50 -2.32 0.25	25.18 -2.21 0.00	23.99 -2.03 0.00	17.66 -1.48 1.77	16.04 -1.91 7.32	26.33 -2.42 0.13	33.21 -2.93 0.00	35.02 -2.54 0.00	62.19 -4.13 0.00	124.87 -8.91 0.00	46.39 -4.13 0.00	35.53 -3.41 0.00	27.32 -2.35 0.00
NIAGARA_230_LBMP 323716	29.16 -2.57 0.00	26.07 -2.26 0.00	15.12 -1.20 0.00	15.71 -1.40 0.00	17.73 -1.62 0.00	29.72 -1.78 0.00	34.37 -1.90 0.00	43.69 -2.85 0.00	30.53 -2.11 0.00	26.23 -1.66 0.38	26.47 -1.74 0.00	26.78 -2.05 0.23	25.42 -1.97 0.00	24.22 -1.80 0.00	17.90 -1.33 1.68	16.63 -1.67 6.97	26.61 -2.14 0.12	33.60 -2.54 0.00	35.41 -2.16 0.00	62.89 -3.42 0.00	126.20 -7.58 0.00	46.89 -3.63 0.00	35.90 -3.04 0.00	27.59 -2.08 0.00
NIAGARA___115KV_198_GIBSON 55903	28.88 -2.85 0.00	25.82 -2.50 0.00	14.98 -1.35 0.00	15.56 -1.55 0.00	17.54 -1.82 0.00	29.45 -2.04 0.00	34.04 -2.22 0.00	43.24 -3.31 0.00	30.19 -2.45 0.00	25.93 -1.95 0.40	26.21 -2.00 0.00	26.50 -2.32 0.25	25.17 -2.21 0.00	23.98 -2.04 0.00	17.64 -1.50 1.77	16.02 -1.94 7.32	26.33 -2.42 0.13	33.23 -2.91 0.00	35.01 -2.54 0.00	62.19 -4.12 0.00	124.87 -8.91 0.00	46.37 -4.15 0.00	35.53 -3.41 0.00	27.33 -2.35 0.00
NIAGARA____ 23760	29.16 -2.57 0.00	26.07 -2.26 0.00	15.12 -1.20 0.00	15.71 -1.40 0.00	17.73 -1.62 0.00	29.72 -1.78 0.00	34.37 -1.90 0.00	43.69 -2.85 0.00	30.53 -2.11 0.00	26.22 -1.66 0.39	26.47 -1.74 0.00	26.78 -2.05 0.24	25.42 -1.97 0.00	24.22 -1.80 0.00	17.87 -1.33 1.70	16.53 -1.67 7.07	26.61 -2.14 0.13	33.60 -2.54 0.00	35.41 -2.16 0.00	62.89 -3.42 0.00	126.20 -7.58 0.00	46.89 -3.63 0.00	35.90 -3.04 0.00	27.59 -2.08 0.00
NINE_MILE_1 23575	30.72 -1.01 0.00	27.44 -0.89 0.00	15.84 -0.48 0.00	16.59 -0.52 0.00	18.78 -0.58 0.00	30.58 -0.92 0.00	35.09 -1.17 0.00	44.90 -1.64 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.34 -1.05 0.00	25.05 -0.98 0.00	20.14 -0.77 0.00	24.36 -0.91 0.00	27.82 -1.05 0.00	34.87 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.04 0.00	129.37 -4.42 0.00	48.79 -1.74 0.00	37.58 -1.36 0.00	28.76 -0.92 0.00
NINE_MILE_2 23744	30.73 -1.00 0.00	27.44 -0.89 0.00	15.84 -0.48 0.00	16.60 -0.52 0.00	18.78 -0.58 0.00	30.58 -0.92 0.00	35.09 -1.17 0.00	44.90 -1.64 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.34 -1.05 0.00	25.05 -0.97 0.00	20.14 -0.77 0.00	24.36 -0.91 0.00	27.82 -1.05 0.00	34.87 -1.27 0.00	36.37 -1.19 0.00	64.27 -2.04 0.00	129.37 -4.41 0.00	48.79 -1.73 0.00	37.58 -1.36 0.00	28.76 -0.91 0.00
NM_CAPITAL___DRP 24208	32.05 0.31 0.00	28.74 0.41 0.00	16.71 0.39 0.00	17.54 0.43 0.00	19.82 0.46 0.00	31.83 0.33 0.00	36.56 0.29 0.00	47.04 0.50 0.00	33.08 0.44 0.00	28.63 0.35 0.00	28.47 0.26 0.00	29.36 0.30 0.00	27.65 0.27 0.00	26.28 0.25 0.00	21.12 0.21 0.00	25.63 0.35 0.00	29.20 0.33 0.00	36.46 0.32 0.00	37.96 0.40 0.00	66.93 0.62 0.00	134.36 0.57 0.00	50.95 0.42 0.00	39.35 0.42 0.00	30.27 0.59 0.00
NM_CENTRAL___DRP 24181	31.36 -0.38 0.00	27.98 -0.34 0.00	16.18 -0.14 0.00	16.94 -0.18 0.00	19.17 -0.19 0.00	31.24 -0.26 0.00	35.90 -0.37 0.00	45.99 -0.55 0.00	32.29 -0.36 0.00	28.06 -0.22 0.00	27.87 -0.34 0.00	28.61 -0.46 0.00	26.95 -0.44 0.00	25.64 -0.38 0.00	20.63 -0.28 0.00	24.99 -0.28 0.00	28.55 -0.32 0.00	35.82 -0.32 0.00	37.42 -0.14 0.00	66.13 -0.18 0.00	132.94 -0.84 0.00	50.09 -0.43 0.00	38.56 -0.38 0.00	29.47 -0.21 0.00

NM_FRONTIER___DRP 24179	28.88 -2.85 0.00	25.82 -2.50 0.00	14.98 -1.35 0.00	15.56 -1.55 0.00	17.54 -1.82 0.00	29.45 -2.04 0.00	34.04 -2.22 0.00	43.24 -3.31 0.00	30.19 -2.45 0.00	25.93 -1.95 0.40	26.21 -2.00 0.00	26.50 -2.32 0.25	25.17 -2.21 0.00	23.98 -2.04 0.00	17.64 -1.50 1.77	16.02 -1.94 7.32	26.33 -2.42 0.13	33.23 -2.91 0.00	35.01 -2.54 0.00	62.19 -4.12 0.00	124.87 -8.91 0.00	46.37 -4.15 0.00	35.53 -3.41 0.00	27.33 -2.35 0.00
NM_ST_REGIS___HYD 24053	31.59 -0.15 0.00	28.12 -0.21 0.00	16.03 -0.29 0.00	16.78 -0.33 0.00	18.91 -0.45 0.00	31.09 -0.41 0.00	36.13 -0.14 0.00	46.32 -0.22 0.00	32.29 -0.35 0.00	27.83 -0.45 0.00	27.82 -0.39 0.00	28.77 -0.30 0.00	27.12 -0.26 0.00	25.74 -0.28 0.00	20.65 -0.25 0.00	24.70 -0.57 0.00	28.26 -0.61 0.00	35.40 -0.74 0.00	36.76 -0.80 0.00	65.47 -0.84 0.00	133.69 -0.09 0.00	50.35 -0.17 0.00	38.53 -0.40 0.00	29.02 -0.65 0.00
NORTHPORT___1 23551	41.64 2.01 -7.90	30.16 1.83 0.00	19.55 1.24 -1.99	18.47 1.36 0.00	20.93 1.58 0.00	33.70 2.20 0.00	38.35 2.08 0.00	49.08 2.54 0.00	33.72 1.79 0.71	24.00 1.90 6.17	36.50 2.41 -5.88	38.61 2.61 -6.94	27.27 2.22 2.34	27.18 2.06 0.91	15.41 1.66 7.16	21.90 1.87 5.24	14.37 1.89 16.40	20.30 1.97 17.81	25.94 1.27 12.89	66.16 2.03 2.18	131.43 1.89 4.24	50.56 1.39 1.35	40.06 2.02 0.89	29.70 2.02 2.00
NORTHPORT___2 23552	41.64 2.01 -7.90	30.16 1.83 0.00	19.55 1.24 -1.99	18.47 1.36 0.00	20.93 1.58 0.00	33.70 2.20 0.00	38.35 2.08 0.00	49.08 2.54 0.00	33.72 1.79 0.71	24.00 1.90 6.17	36.50 2.41 -5.88	38.61 2.61 -6.94	27.27 2.22 2.34	27.18 2.06 0.91	15.41 1.66 7.16	21.90 1.87 5.24	14.37 1.89 16.40	20.30 1.97 17.81	25.94 1.27 12.89	66.16 2.03 2.18	131.43 1.89 4.24	50.56 1.39 1.35	40.06 2.02 0.89	29.70 2.02 2.00
NORTHPORT___3 23553	41.67 1.98 -7.95	30.14 1.81 0.00	19.54 1.23 -1.99	18.46 1.35 0.00	20.94 1.58 0.00	33.69 2.19 0.00	38.34 2.07 0.00	49.06 2.52 0.00	33.78 1.85 0.72	23.87 2.01 6.42	35.83 2.53 -5.09	35.23 2.72 -3.44	25.74 2.30 3.95	27.17 2.05 0.91	15.21 1.73 7.42	21.93 1.90 5.24	14.42 1.95 16.40	20.34 2.11 17.91	26.13 1.47 12.90	66.35 2.22 2.19	131.79 2.26 4.24	49.97 1.55 2.11	35.85 1.98 5.07	27.24 1.96 4.39
NORTHPORT___4 23650	41.67 1.98 -7.95	30.14 1.81 0.00	19.54 1.23 -1.99	18.46 1.35 0.00	20.94 1.58 0.00	33.69 2.19 0.00	38.34 2.07 0.00	49.06 2.52 0.00	33.78 1.85 0.72	23.87 2.01 6.42	35.83 2.53 -5.09	35.23 2.72 -3.44	25.74 2.30 3.95	27.17 2.05 0.91	15.21 1.73 7.42	21.93 1.90 5.24	14.42 1.95 16.40	20.34 2.11 17.91	26.13 1.47 12.90	66.35 2.22 2.19	131.79 2.26 4.24	49.97 1.55 2.11	35.85 1.98 5.07	27.24 1.96 4.39
NORTHPORT___IC 23718	41.64 2.01 -7.90	30.16 1.83 0.00	19.56 1.24 -1.99	18.47 1.36 0.00	20.94 1.58 0.00	33.71 2.21 0.00	38.35 2.08 0.00	49.09 2.55 0.00	33.72 1.79 0.71	24.02 1.92 6.17	36.48 2.40 -5.88	38.59 2.58 -6.94	27.26 2.21 2.34	27.17 2.05 0.91	15.40 1.65 7.16	21.92 1.89 5.24	14.36 1.88 16.40	20.36 2.03 17.81	25.94 1.27 12.89	66.16 2.03 2.18	131.43 1.89 4.24	50.57 1.39 1.35	40.06 2.02 0.89	29.70 2.02 2.00
NORTH___COUNTRY_ESR 323785	32.16 0.43 0.00	28.66 0.33 0.00	16.40 0.07 0.00	17.17 0.07 0.00	19.35 -0.01 0.00	31.69 0.19 0.00	36.65 0.39 0.00	47.13 0.59 0.00	32.99 0.34 0.00	28.40 0.12 0.00	28.39 0.18 0.00	29.32 0.25 0.00	27.69 0.30 0.00	26.31 0.28 0.00	21.12 0.21 0.00	25.27 0.00 0.00	29.24 0.37 0.00	36.51 0.37 0.00	37.84 0.28 0.00	66.89 0.58 0.00	135.80 2.02 0.00	50.95 0.43 0.00	38.95 0.02 0.00	29.39 -0.28 0.00
NPX_GEN_1385_PROXY 323591	41.55 1.92 -7.90	30.10 1.77 0.00	19.49 1.17 -1.99	18.41 1.30 0.00	20.02 1.51 0.84	33.59 2.09 0.00	38.22 1.95 0.00	49.08 2.53 0.00	33.73 1.80 0.71	23.91 1.80 6.17	36.40 2.32 -5.88	38.51 2.50 -6.94	15.85 2.13 13.66	27.08 1.97 0.91	15.34 1.59 7.16	21.81 1.78 5.24	14.27 1.79 16.40	20.19 1.86 17.81	25.83 1.16 12.89	66.26 2.13 2.18	131.67 2.12 4.24	50.60 1.42 1.35	39.98 1.94 0.89	33.78 1.91 -2.19
NPX_GEN_CSC 323557	42.83 3.11 -7.98	31.09 2.76 0.00	20.06 1.75 -1.99	18.99 1.88 0.00	20.69 2.17 0.84	34.76 3.26 0.00	39.73 3.46 0.00	50.97 4.42 0.00	44.00 3.16 -8.20	103.62 3.10 -72.24	44.30 3.55 -12.54	69.89 3.76 -37.05	57.07 3.32 -26.36	29.50 3.01 -0.46	101.92 2.45 -78.57	84.53 2.79 -56.47	200.96 2.94 -169.14	224.47 3.41 -184.93	194.37 2.66 -154.16	175.61 4.50 -104.80	278.98 6.85 -138.35	174.35 3.20 -120.63	215.27 3.21 -173.13	247.90 2.83 -215.40
NSINS_S_GLNS_FALLS 23858	33.11 1.37 0.00	29.56 1.24 0.00	17.17 0.85 0.00	18.01 0.90 0.00	20.37 1.02 0.00	32.83 1.33 0.00	37.91 1.64 0.00	49.00 2.45 0.00	34.24 1.59 0.00	29.37 1.09 0.00	29.08 0.88 0.00	30.06 0.99 0.00	28.21 0.83 0.00	26.77 0.75 0.00	21.45 0.54 0.00	26.29 1.02 0.00	30.19 1.32 0.00	37.81 1.67 0.00	39.52 1.96 0.00	70.29 3.97 0.00	141.39 7.61 0.00	53.37 2.85 0.00	41.04 2.10 0.00	31.37 0.00 0.00
NUCOR_STEEL___DRP 24197	31.51 -0.22 0.00	28.13 -0.20 0.00	16.27 -0.05 0.00	17.04 -0.07 0.00	19.21 -0.15 0.00	31.44 -0.07 0.00	36.18 -0.08 0.00	46.12 -0.42 0.00	32.37 -0.27 0.00	28.20 -0.08 0.00	27.86 -0.35 0.00	28.60 -0.47 0.00	26.81 -0.57 0.00	25.60 -0.42 0.00	20.61 -0.30 0.00	24.95 -0.32 0.00	28.49 -0.38 0.00	35.73 -0.41 0.00	37.58 0.02 0.00	66.50 0.19 0.00	133.83 0.05 0.00	50.40 -0.12 0.00	38.79 -0.15 0.00	29.63 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	32.05 0.32 0.00	28.45 0.13 0.00	16.23 -0.09 0.00	16.91 -0.20 0.00	19.04 -0.32 0.00	31.53 0.03 0.00	36.31 0.05 0.00	46.48 -0.06 0.00	32.48 -0.17 0.00	28.23 -0.05 0.00	28.19 -0.01 0.00	28.86 -0.21 0.00	27.06 -0.33 0.00	25.43 -0.60 0.00	20.10 -0.81 0.00	23.86 -1.41 0.00	27.35 -1.53 0.00	34.65 -1.50 0.00	36.66 -0.90 0.00	66.87 0.56 0.00	136.45 2.67 0.00	51.71 1.19 0.00	39.59 0.66 0.00	30.03 0.35 0.00
NYISO_LBMP_REFERENCE 24008	31.74 0.00 0.00	28.33 0.00 0.00	16.32 0.00 0.00	17.11 0.00 0.00	19.36 0.00 0.00	31.50 0.00 0.00	36.27 0.00 0.00	46.54 0.00 0.00	32.64 0.00 0.00	28.28 0.00 0.00	28.21 0.00 0.00	29.07 0.00 0.00	27.39 0.00 0.00	26.02 0.00 0.00	20.91 0.00 0.00	25.27 0.00 0.00	28.88 0.00 0.00	36.14 0.00 0.00	37.56 0.00 0.00	66.31 0.00 0.00	133.78 0.00 0.00	50.52 0.00 0.00	38.94 0.00 0.00	29.68 0.00 0.00
NYPA_BRENTWD____GT 24164	42.34 2.52 -8.09	30.58 2.25 0.00	19.77 1.46 -1.98	18.69 1.58 0.00	21.21 1.85 0.00	34.17 2.67 0.00	38.99 2.72 0.00	49.99 3.45 0.00	36.84 2.48 -1.71	45.81 2.49 -15.04	38.26 2.94 -7.11	44.79 3.13 -12.59	34.42 2.72 -4.32	28.02 2.53 0.54	39.05 2.10 -16.04	39.24 2.38 -11.59	65.59 2.49 -34.22	76.22 2.66 -37.43	71.79 1.72 -32.51	93.69 3.11 -24.26	169.82 4.44 -31.59	80.88 2.30 -28.06	81.24 2.68 -39.62	80.93 2.37 -48.89

NYPA_GOWANUS____GT5 24156	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NYPA_GOWANUS____GT6 24157	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.33 2.14 -0.91	32.25 2.37 -1.68	58.47 2.52 -26.88	53.69 2.35 -23.96	51.73 2.22 -23.49	33.47 1.80 -10.76	31.39 2.11 -4.01	53.42 2.26 -22.29	63.03 2.81 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00
NYPA_HARLEM__RVR__GT1 24160	33.25 1.52 0.00	29.76 1.43 0.00	17.16 0.85 0.01	18.08 0.98 0.01	20.51 1.17 0.01	30.78 1.41 2.13	27.03 1.65 10.88	19.70 2.39 29.23	29.71 1.94 4.87	30.91 1.86 -0.77	31.65 2.07 -1.38	53.26 2.15 -22.04	49.05 2.01 -19.65	39.43 1.89 -11.52	30.13 1.61 -7.61	30.34 1.77 -3.29	49.06 1.90 -18.28	58.18 2.29 -19.75	39.92 2.37 0.00	69.76 3.45 0.01	138.97 5.19 0.00	53.14 2.62 0.00	41.31 2.38 0.00	31.77 2.10 0.00
NYPA_HARLEM__RVR__GT2 24161	33.25 1.52 0.00	29.76 1.43 0.00	17.16 0.85 0.01	18.08 0.98 0.01	20.51 1.17 0.01	30.78 1.41 2.13	27.03 1.65 10.88	19.70 2.39 29.23	29.71 1.94 4.87	30.91 1.86 -0.77	31.65 2.07 -1.38	53.26 2.15 -22.04	49.05 2.01 -19.65	39.43 1.89 -11.52	30.13 1.61 -7.61	30.34 1.77 -3.29	49.06 1.90 -18.28	58.18 2.29 -19.75	39.92 2.37 0.00	69.76 3.45 0.01	138.97 5.19 0.00	53.14 2.62 0.00	41.31 2.38 0.00	31.77 2.10 0.00
NYPA_KENT____GT 24152	33.44 1.71 0.00	29.91 1.59 0.00	17.35 1.03 0.00	18.27 1.16 0.00	20.72 1.37 0.00	33.28 1.78 0.00	38.33 2.07 0.00	49.48 2.93 0.00	34.89 2.24 0.00	31.33 2.14 -0.91	32.23 2.35 -1.68	58.46 2.51 -26.88	53.69 2.34 -23.96	47.98 2.19 -19.76	32.53 1.78 -9.84	31.38 2.10 -4.01	53.42 2.25 -22.29	63.00 2.78 -24.08	40.24 2.68 0.00	70.53 4.20 -0.01	140.26 6.47 0.00	53.36 2.83 0.00	41.50 2.56 0.00	31.87 2.19 0.00
NYPA_POUCH1____GT 24155	33.48 1.74 0.00	29.95 1.62 0.00	17.37 1.04 0.00	18.29 1.18 0.00	20.74 1.39 0.00	33.31 1.82 0.00	38.39 2.12 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.31 2.11 -0.91	32.22 2.34 -1.68	58.42 2.47 -26.88	53.65 2.30 -23.96	51.69 2.18 -23.49	33.42 1.76 -10.76	31.34 2.06 -4.01	53.37 2.20 -22.29	62.98 2.76 -24.08	40.30 2.74 0.00	70.59 4.26 -0.02	140.29 6.51 0.00	53.42 2.89 0.00	41.57 2.63 0.00	31.92 2.25 0.00
NYPA_VERNON____GT2 24162	33.41 1.68 0.00	29.90 1.57 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.72 1.36 0.00	33.25 1.75 0.00	38.30 2.03 0.00	49.44 2.90 0.00	34.86 2.22 0.00	31.32 2.13 -0.91	32.21 2.33 -1.68	58.44 2.49 -26.88	53.68 2.33 -23.96	44.24 2.17 -16.04	31.60 1.77 -8.92	31.36 2.08 -4.01	53.42 2.25 -22.29	62.97 2.75 -24.08	40.18 2.62 0.00	70.43 4.11 0.00	140.09 6.31 0.00	53.29 2.77 0.00	41.42 2.48 0.00	31.82 2.14 0.00
NYPA_VERNON____GT3 24163	33.41 1.68 0.00	29.90 1.57 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.72 1.36 0.00	33.25 1.75 0.00	38.30 2.03 0.00	49.44 2.90 0.00	34.86 2.22 0.00	31.32 2.13 -0.91	32.21 2.33 -1.68	58.44 2.49 -26.88	53.68 2.33 -23.96	44.24 2.17 -16.04	31.60 1.77 -8.92	31.36 2.08 -4.01	53.42 2.25 -22.29	62.97 2.75 -24.08	40.18 2.62 0.00	70.43 4.11 0.00	140.09 6.31 0.00	53.29 2.77 0.00	41.42 2.48 0.00	31.82 2.14 0.00
NYPA____ASTORIA_CC1 323568	33.37 1.63 0.00	29.87 1.54 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.94 0.00	49.34 2.80 0.00	34.79 2.15 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.37 2.42 -26.88	53.60 2.26 -23.96	42.17 2.10 -14.04	31.06 1.72 -8.42	31.29 2.02 -4.01	53.34 2.17 -22.29	62.88 2.66 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
NYPA____ASTORIA_CC2 323569	33.37 1.63 0.00	29.87 1.54 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.68 1.33 0.00	33.20 1.70 0.00	38.21 1.94 0.00	49.34 2.80 0.00	34.79 2.15 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.37 2.42 -26.88	53.60 2.26 -23.96	42.17 2.10 -14.04	31.06 1.72 -8.42	31.29 2.02 -4.01	53.34 2.17 -22.29	62.88 2.66 -24.08	40.10 2.54 0.00	70.28 3.97 0.00	139.83 6.05 0.00	53.20 2.67 0.00	41.34 2.41 0.00	31.77 2.09 0.00
NYPA____HOLTSVILL 23794	42.26 2.55 -7.97	30.62 2.29 0.00	19.79 1.48 -1.99	18.72 1.61 0.00	21.22 1.86 0.00	34.20 2.70 0.00	39.04 2.78 0.00	50.06 3.52 0.00	43.19 2.53 -8.01	101.39 2.53 -70.58	43.59 3.00 -12.39	68.61 3.19 -36.35	55.92 2.81 -25.72	29.04 2.58 -0.43	99.77 2.11 -76.75	82.84 2.40 -55.17	196.60 2.50 -165.23	219.56 2.77 -180.64	190.97 2.10 -151.32	175.30 3.49 -105.49	277.33 4.78 -138.77	174.58 2.49 -121.57	215.42 2.74 -173.75	244.73 2.52 -212.54
NYPA____HELLGATE_GT1 24158	33.25 1.52 0.00	29.76 1.43 0.00	17.16 0.85 0.01	18.08 0.98 0.01	20.51 1.17 0.01	32.53 1.41 0.37	37.09 1.65 0.82	45.12 2.39 3.81	34.34 1.94 0.24	30.91 1.86 -0.77	31.65 2.07 -1.38	53.26 2.15 -22.04	49.05 2.01 -19.65	39.43 1.89 -11.52	30.13 1.61 -7.61	30.34 1.77 -3.29	49.06 1.90 -18.28	58.21 2.32 -19.75	39.96 2.40 0.00	69.82 3.51 0.01	139.09 5.31 0.00	53.14 2.62 0.00	41.31 2.38 0.00	31.77 2.10 0.00
NYPA____HELLGATE_GT2 24159	33.25 1.52 0.00	29.76 1.43 0.00	17.16 0.85 0.01	18.08 0.98 0.01	20.51 1.17 0.01	32.53 1.41 0.37	37.09 1.65 0.82	45.12 2.39 3.81	34.34 1.94 0.24	30.91 1.86 -0.77	31.65 2.07 -1.38	53.26 2.15 -22.04	49.05 2.01 -19.65	39.43 1.89 -11.52	30.13 1.61 -7.61	30.34 1.77 -3.29	49.06 1.90 -18.28	58.21 2.32 -19.75	39.96 2.40 0.00	69.82 3.51 0.01	139.09 5.31 0.00	53.14 2.62 0.00	41.31 2.38 0.00	31.77 2.10 0.00
NYS_BARGE____HYD 23848	29.36 -2.38 0.00	26.22 -2.11 0.00	15.22 -1.10 0.00	15.81 -1.30 0.00	17.85 -1.51 0.00	29.93 -1.57 0.00	34.62 -1.64 0.00	44.01 -2.52 0.00	30.69 -1.95 0.00	26.36 -1.54 0.38	26.57 -1.64 0.00	26.90 -1.94 0.23	25.52 -1.87 0.00	24.32 -1.71 0.00	18.06 -1.20 1.65	17.00 -1.43 6.84	26.72 -2.04 0.12	33.75 -2.39 0.00	35.60 -1.96 0.00	63.37 -2.94 0.00	127.38 -6.40 0.00	47.34 -3.18 0.00	36.20 -2.73 0.00	27.78 -1.89 0.00
OAK ORCHARD____HYD 24046	30.50 -1.23 0.00	27.23 -1.10 0.00	15.75 -0.57 0.00	16.42 -0.69 0.00	18.57 -0.79 0.00	30.76 -0.74 0.00	35.51 -0.75 0.00	45.40 -1.14 0.00	31.74 -0.90 0.00	27.54 -0.74 0.00	27.39 -0.81 0.00	28.09 -0.98 0.00	26.46 -0.93 0.00	25.19 -0.83 0.00	20.30 -0.60 0.00	24.51 -0.76 0.00	27.94 -0.94 0.00	35.10 -1.04 0.00	36.88 -0.68 0.00	65.47 -0.84 0.00	131.51 -2.28 0.00	49.13 -1.40 0.00	37.62 -1.32 0.00	28.77 -0.91 0.00

OAKDALE___35_KV_LOAD 356122	31.51 -0.23 0.00	28.13 -0.20 0.00	16.36 0.03 0.00	17.11 0.00 0.00	19.39 0.03 0.00	31.50 0.00 0.00	36.31 0.04 0.00	46.62 0.08 0.00	32.69 0.05 0.00	28.49 0.21 0.00	28.33 0.12 0.00	29.08 0.01 0.00	27.35 -0.03 0.00	26.00 -0.03 0.00	20.90 0.00 0.00	25.34 0.07 0.00	28.90 0.02 0.00	36.30 0.16 0.00	37.90 0.34 0.00	66.94 0.63 0.00	134.12 0.34 0.00	50.47 -0.05 0.00	38.92 -0.02 0.00	29.70 0.02 0.00
OCC_CHEM___DRP 24175	28.98 -2.76 0.00	25.90 -2.43 0.00	15.02 -1.30 0.00	15.60 -1.51 0.00	17.60 -1.76 0.00	29.55 -1.95 0.00	34.16 -2.11 0.00	43.38 -3.16 0.00	30.30 -2.35 0.00	26.02 -1.85 0.41	26.30 -1.91 0.00	26.59 -2.23 0.25	25.26 -2.12 0.00	24.07 -1.96 0.00	17.69 -1.43 1.78	16.04 -1.85 7.38	26.43 -2.32 0.13	33.36 -2.79 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.38 0.00	46.55 -3.98 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
OH_GEN_PROXY 24063	29.23 -2.50 0.00	26.13 -2.20 0.00	15.16 -1.17 0.00	15.75 -1.36 0.00	16.94 -1.57 0.84	29.79 -1.71 0.00	34.45 -1.82 0.00	43.85 -2.70 0.00	30.65 -2.00 0.00	26.36 -1.57 0.35	26.56 -1.65 0.00	26.90 -1.96 0.22	25.51 -1.88 0.00	24.30 -1.73 0.00	18.09 -1.27 1.55	17.27 -1.59 6.41	26.72 -2.05 0.11	33.73 -2.41 0.00	35.52 -2.04 0.00	63.06 -3.26 0.00	161.06 -7.19 -34.47	79.25 -3.49 -32.22	36.01 -2.93 0.00	31.84 -2.03 -4.19
OLIN_CORP_DRP 24177	28.95 -2.78 0.00	25.88 -2.45 0.00	15.03 -1.29 0.00	15.60 -1.51 0.00	17.61 -1.74 0.00	29.55 -1.95 0.00	34.14 -2.12 0.00	43.36 -3.18 0.00	30.26 -2.39 0.00	26.02 -1.84 0.41	26.24 -1.97 0.00	26.56 -2.26 0.25	25.20 -2.18 0.00	24.01 -2.01 0.00	17.69 -1.42 1.81	16.11 -1.67 7.49	26.38 -2.36 0.13	33.31 -2.83 0.00	35.11 -2.45 0.00	62.42 -3.89 0.00	125.37 -8.41 0.00	46.57 -3.96 0.00	35.67 -3.27 0.00	27.40 -2.27 0.00
OLIN_CORP_DSASP 323712	28.98 -2.75 0.00	25.90 -2.42 0.00	15.02 -1.30 0.00	15.61 -1.50 0.00	17.60 -1.76 0.00	29.54 -1.95 0.00	34.16 -2.10 0.00	43.38 -3.16 0.00	30.30 -2.34 0.00	26.02 -1.85 0.41	26.29 -1.91 0.00	26.59 -2.23 0.25	25.27 -2.12 0.00	24.07 -1.95 0.00	17.70 -1.42 1.78	16.06 -1.83 7.38	26.41 -2.33 0.13	33.34 -2.80 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.39 0.00	46.57 -3.96 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
ONEIDA_HERK_LFGE 323681	32.20 0.46 0.00	28.67 0.34 0.00	16.47 0.15 0.00	17.22 0.11 0.00	19.45 0.10 0.00	31.87 0.37 0.00	36.70 0.44 0.00	47.01 0.46 0.00	32.94 0.29 0.00	28.64 0.36 0.00	28.55 0.34 0.00	29.24 0.16 0.00	27.45 0.06 0.00	25.98 -0.04 0.00	20.77 -0.14 0.00	24.92 -0.35 0.00	28.55 -0.33 0.00	35.98 -0.16 0.00	37.79 0.23 0.00	67.65 1.34 0.00	136.87 3.09 0.00	51.75 1.23 0.00	39.74 0.80 0.00	30.24 0.56 0.00
ONEIDA___115KV_TB4 55905	32.32 0.58 0.00	28.81 0.48 0.00	16.63 0.30 0.00	17.40 0.29 0.00	19.70 0.34 0.00	32.10 0.60 0.00	36.96 0.70 0.00	47.33 0.79 0.00	33.23 0.59 0.00	28.95 0.67 0.00	28.78 0.57 0.00	29.38 0.31 0.00	27.59 0.20 0.00	26.22 0.19 0.00	21.12 0.21 0.00	25.50 0.23 0.00	29.18 0.30 0.00	36.75 0.61 0.00	38.54 0.98 0.00	68.39 2.08 0.00	137.76 3.98 0.00	51.97 1.45 0.00	39.96 1.02 0.00	30.43 0.75 0.00
ONONDAGA_REF_OCCRA 23987	31.51 -0.22 0.00	28.12 -0.21 0.00	16.26 -0.06 0.00	17.02 -0.09 0.00	19.27 -0.08 0.00	31.39 -0.11 0.00	36.09 -0.17 0.00	46.22 -0.32 0.00	32.47 -0.18 0.00	28.23 -0.05 0.00	27.99 -0.22 0.00	28.73 -0.34 0.00	27.05 -0.33 0.00	25.74 -0.28 0.00	20.72 -0.19 0.00	25.10 -0.17 0.00	28.69 -0.18 0.00	36.01 -0.13 0.00	37.64 0.08 0.00	66.54 0.23 0.00	133.72 -0.06 0.00	50.39 -0.13 0.00	38.79 -0.15 0.00	29.63 -0.05 0.00
ONONDAGA___COGEN 23986	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
ONTARIO___LFGE 23819	31.13 -0.60 0.00	27.72 -0.60 0.00	16.10 -0.22 0.00	16.82 -0.29 0.00	19.04 -0.32 0.00	31.21 -0.28 0.00	36.12 -0.15 0.00	46.31 -0.23 0.00	32.44 -0.21 0.00	28.37 -0.17 -0.27	27.72 -0.49 0.00	28.54 -0.68 -0.16	26.71 -0.68 0.00	25.45 -0.57 0.00	21.65 -0.41 -1.15	29.55 -0.43 -4.71	28.45 -0.51 -0.09	35.68 -0.46 0.00	37.59 0.03 0.00	66.59 0.28 0.00	133.51 -0.27 0.00	50.26 -0.27 0.00	38.64 -0.30 0.00	29.40 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	29.73 -2.01 0.00	26.42 -1.91 0.00	15.39 -0.93 0.00	16.04 -1.07 0.00	18.11 -1.25 0.00	30.13 -1.37 0.00	35.01 -1.26 0.00	44.67 -1.87 0.00	31.05 -1.59 0.00	25.16 -1.43 1.70	26.58 -1.63 0.00	26.07 -1.96 1.04	25.58 -1.80 0.00	24.40 -1.63 0.00	12.15 -1.33 7.42	-7.04 -1.56 30.75	26.42 -1.91 0.55	34.13 -2.01 0.00	36.26 -1.30 0.00	65.02 -1.29 0.00	130.55 -3.23 0.00	48.75 -1.77 0.00	37.29 -1.65 0.00	28.36 -1.32 0.00
ORANGEVILLE___ESR 323794	29.73 -2.01 0.00	26.42 -1.91 0.00	15.39 -0.93 0.00	16.04 -1.07 0.00	18.11 -1.25 0.00	30.13 -1.37 0.00	35.01 -1.26 0.00	44.67 -1.87 0.00	31.05 -1.59 0.00	25.16 -1.43 1.70	26.58 -1.63 0.00	26.07 -1.96 1.04	25.58 -1.80 0.00	24.40 -1.63 0.00	12.15 -1.33 7.42	-7.04 -1.56 30.75	26.42 -1.91 0.55	34.13 -2.01 0.00	36.26 -1.30 0.00	65.02 -1.29 0.00	130.55 -3.23 0.00	48.75 -1.77 0.00	37.29 -1.65 0.00	28.36 -1.32 0.00
OSWEGATCHIE___HYD 24044	31.44 -0.30 0.00	27.94 -0.39 0.00	15.93 -0.40 0.00	16.63 -0.48 0.00	18.74 -0.62 0.00	30.93 -0.57 0.00	35.80 -0.46 0.00	45.82 -0.72 0.00	31.97 -0.68 0.00	27.70 -0.58 0.00	27.67 -0.54 0.00	28.46 -0.60 0.00	26.74 -0.64 0.00	25.24 -0.79 0.00	20.10 -0.81 0.00	23.94 -1.33 0.00	27.37 -1.50 0.00	34.47 -1.67 0.00	36.18 -1.39 0.00	65.31 -1.00 0.00	133.50 -0.28 0.00	50.47 -0.06 0.00	38.66 -0.28 0.00	29.23 -0.44 0.00
OSWEGO___5 23606	30.90 -0.84 0.00	27.59 -0.74 0.00	15.94 -0.39 0.00	16.69 -0.42 0.00	18.87 -0.48 0.00	30.76 -0.74 0.00	35.33 -0.94 0.00	45.19 -1.35 0.00	31.71 -0.93 0.00	27.51 -0.76 0.00	27.37 -0.84 0.00	28.14 -0.93 0.00	26.50 -0.89 0.00	25.21 -0.82 0.00	20.27 -0.64 0.00	24.51 -0.76 0.00	28.00 -0.88 0.00	35.10 -1.04 0.00	36.62 -0.94 0.00	64.73 -1.58 0.00	130.30 -3.48 0.00	49.14 -1.38 0.00	37.84 -1.10 0.00	28.95 -0.73 0.00
OSWEGO___6 23613	30.90 -0.84 0.00	27.59 -0.74 0.00	15.94 -0.39 0.00	16.69 -0.42 0.00	18.87 -0.48 0.00	30.76 -0.74 0.00	35.33 -0.94 0.00	45.19 -1.35 0.00	31.71 -0.93 0.00	27.51 -0.76 0.00	27.37 -0.84 0.00	28.14 -0.93 0.00	26.50 -0.89 0.00	25.21 -0.82 0.00	20.27 -0.64 0.00	24.51 -0.76 0.00	28.00 -0.88 0.00	35.10 -1.04 0.00	36.62 -0.94 0.00	64.73 -1.58 0.00	130.30 -3.48 0.00	49.14 -1.38 0.00	37.84 -1.10 0.00	28.95 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	29.65 -2.09 0.00	26.47 -1.86 0.00	15.36 -0.96 0.00	15.95 -1.16 0.00	17.99 -1.36 0.00	30.17 -1.33 0.00	34.93 -1.34 0.00	44.43 -2.11 0.00	31.02 -1.62 0.00	26.62 -1.23 0.43	26.92 -1.29 0.00	27.20 -1.60 0.27	25.87 -1.52 0.00	24.65 -1.37 0.00	18.02 -0.99 1.90	16.15 -1.24 7.88	27.07 -1.67 0.14	34.27 -1.88 0.00	36.10 -1.46 0.00	64.18 -2.13 0.00	128.85 -4.93 0.00	47.84 -2.68 0.00	36.59 -2.35 0.00	28.06 -1.62 0.00
OXBOW___BTM 323836	29.31 -2.42 0.00	26.18 -2.15 0.00	15.19 -1.13 0.00	15.77 -1.34 0.00	17.79 -1.57 0.00	29.85 -1.65 0.00	34.53 -1.73 0.00	43.89 -2.65 0.00	30.66 -1.99 0.00	26.31 -1.54 0.42	26.61 -1.60 0.00	26.91 -1.90 0.26	25.57 -1.81 0.00	24.37 -1.65 0.00	17.88 -1.19 1.84	16.13 -1.51 7.63	26.75 -1.99 0.14	33.82 -2.33 0.00	35.64 -1.92 0.00	63.35 -2.96 0.00	127.14 -6.64 0.00	47.22 -3.30 0.00	36.12 -2.82 0.00	27.72 -1.95 0.00
OXBOW___ 24026	29.31 -2.43 0.00	26.18 -2.15 0.00	15.19 -1.14 0.00	15.77 -1.35 0.00	17.78 -1.57 0.00	29.84 -1.66 0.00	34.53 -1.74 0.00	43.89 -2.65 0.00	30.66 -1.99 0.00	26.32 -1.54 0.42	26.61 -1.60 0.00	26.90 -1.91 0.26	25.57 -1.82 0.00	24.36 -1.66 0.00	17.86 -1.21 1.84	16.10 -1.53 7.63	26.76 -1.98 0.14	33.83 -2.31 0.00	35.64 -1.92 0.00	63.32 -2.99 0.00	127.14 -6.64 0.00	47.20 -3.32 0.00	36.12 -2.82 0.00	27.73 -1.95 0.00
OXY_CHEM_DSASP 323612	28.98 -2.76 0.00	25.90 -2.43 0.00	15.02 -1.30 0.00	15.60 -1.51 0.00	17.60 -1.76 0.00	29.55 -1.95 0.00	34.16 -2.11 0.00	43.38 -3.16 0.00	30.30 -2.35 0.00	26.02 -1.85 0.41	26.30 -1.91 0.00	26.59 -2.23 0.25	25.26 -2.12 0.00	24.07 -1.96 0.00	17.69 -1.43 1.78	16.04 -1.85 7.38	26.43 -2.32 0.13	33.36 -2.79 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.38 0.00	46.55 -3.98 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
OZONE_PARK_ESR 323760	33.60 1.87 0.00	30.05 1.72 0.00	17.45 1.13 0.00	18.37 1.27 0.00	20.85 1.49 0.00	33.51 2.01 0.00	38.61 2.34 0.00	49.83 3.29 0.00	35.11 2.46 0.00	31.36 2.34 -0.75	32.12 2.54 -1.38	53.86 2.75 -22.04	49.62 2.59 -19.65	39.93 2.40 -11.51	29.75 1.94 -6.91	30.88 2.32 -3.29	49.67 2.52 -18.28	59.00 3.11 -19.74	40.46 2.90 0.00	71.03 4.71 0.00	141.24 7.46 0.00	53.65 3.13 0.00	41.69 2.75 0.00	32.01 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.98 -2.76 0.00	25.90 -2.43 0.00	15.02 -1.30 0.00	15.60 -1.51 0.00	17.60 -1.76 0.00	29.55 -1.95 0.00	34.16 -2.11 0.00	43.38 -3.16 0.00	30.30 -2.35 0.00	26.02 -1.85 0.41	26.30 -1.91 0.00	26.59 -2.23 0.25	25.26 -2.12 0.00	24.07 -1.96 0.00	17.69 -1.43 1.78	16.04 -1.85 7.38	26.43 -2.32 0.13	33.36 -2.79 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.38 0.00	46.55 -3.98 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
PACKARD__115KV_DUPONT_184 80571	28.98 -2.76 0.00	25.90 -2.43 0.00	15.02 -1.30 0.00	15.60 -1.51 0.00	17.60 -1.76 0.00	29.55 -1.95 0.00	34.16 -2.11 0.00	43.38 -3.16 0.00	30.30 -2.35 0.00	26.02 -1.85 0.41	26.30 -1.91 0.00	26.59 -2.23 0.25	25.26 -2.12 0.00	24.07 -1.96 0.00	17.69 -1.43 1.78	16.04 -1.85 7.38	26.43 -2.32 0.13	33.36 -2.79 0.00	35.16 -2.40 0.00	62.44 -3.87 0.00	125.40 -8.38 0.00	46.55 -3.98 0.00	35.65 -3.29 0.00	27.42 -2.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.28 1.55 0.00	29.79 1.46 0.00	17.22 0.90 0.00	18.15 1.04 0.00	20.58 1.23 0.00	33.03 1.53 0.00	38.05 1.78 0.00	49.10 2.56 0.00	34.66 2.02 0.00	30.99 1.94 -0.77	31.70 2.12 -1.38	53.41 2.30 -22.04	49.19 2.15 -19.65	39.54 1.99 -11.52	30.14 1.61 -7.62	30.48 1.92 -3.29	49.21 2.05 -18.28	58.38 2.49 -19.75	39.93 2.37 0.00	69.90 3.59 0.00	139.20 5.42 0.00	53.05 2.52 0.00	41.24 2.31 0.00	31.70 2.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.06 2.32 0.00	30.51 2.18 0.00	17.66 1.33 0.00	18.60 1.49 0.00	21.12 1.76 0.00	33.95 2.45 0.00	39.16 2.89 0.00	50.51 3.97 0.00	35.59 2.94 0.00	31.76 2.71 -0.77	32.41 2.82 -1.38	54.16 3.05 -22.04	49.94 2.90 -19.65	40.23 2.68 -11.52	30.67 2.15 -7.62	31.18 2.61 -3.29	49.98 2.82 -18.28	59.29 3.39 -19.75	40.99 3.43 0.00	71.69 5.38 0.00	142.75 8.97 0.00	54.45 3.93 0.00	42.31 3.37 0.00	32.50 2.83 0.00
PATROON__115KV_TB1 80586	32.09 0.35 0.00	28.78 0.45 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.48 0.00	31.88 0.38 0.00	36.64 0.37 0.00	47.11 0.57 0.00	33.15 0.51 0.00	28.69 0.41 0.00	28.55 0.34 0.00	29.45 0.38 0.00	27.73 0.34 0.00	26.37 0.34 0.00	21.18 0.27 0.00	25.71 0.44 0.00	29.32 0.44 0.00	36.61 0.47 0.00	38.12 0.56 0.00	67.18 0.87 0.00	134.77 0.99 0.00	51.09 0.57 0.00	39.45 0.51 0.00	30.32 0.65 0.00
PATTRSNVILLE___SOLAR 323815	32.61 0.87 0.00	29.14 0.81 0.00	16.86 0.54 0.00	17.68 0.57 0.00	20.00 0.65 0.00	32.42 0.92 0.00	37.26 0.99 0.00	47.75 1.21 0.00	33.31 0.66 0.00	28.74 0.46 0.00	28.58 0.37 0.00	29.40 0.33 0.00	27.66 0.28 0.00	26.23 0.20 0.00	21.06 0.16 0.00	25.55 0.28 0.00	29.28 0.40 0.00	36.79 0.64 0.00	38.49 0.93 0.00	68.37 2.05 0.00	137.61 3.82 0.00	52.11 1.59 0.00	40.14 1.20 0.00	30.68 1.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.18 -1.55 0.00	26.92 -1.40 0.00	15.66 -0.67 0.00	16.27 -0.84 0.00	18.40 -0.95 0.00	30.68 -0.81 0.00	35.56 -0.71 0.00	45.38 -1.16 0.00	31.69 -0.95 0.00	27.21 -0.62 0.45	27.48 -0.73 0.00	27.81 -0.97 0.28	26.38 -1.01 0.00	25.12 -0.90 0.00	18.29 -0.63 1.99	16.34 -0.70 8.23	27.65 -1.08 0.15	35.06 -1.08 0.00	36.88 -0.68 0.00	65.56 -0.75 0.00	131.33 -2.45 0.00	48.82 -1.71 0.00	37.37 -1.57 0.00	28.57 -1.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.28 1.54 0.00	29.77 1.45 0.00	17.29 0.96 0.00	18.19 1.08 0.00	20.61 1.25 0.00	33.16 1.66 0.00	38.19 1.92 0.00	49.23 2.69 0.00	34.64 2.00 0.00	30.18 1.90 0.00	30.30 2.09 0.00	31.34 2.27 0.00	29.53 2.14 0.00	28.00 1.98 0.00	22.51 1.61 0.00	27.18 1.91 0.00	30.95 2.07 0.00	38.73 2.59 0.00	40.06 2.51 0.00	70.38 4.07 0.00	140.34 6.55 0.00	53.25 2.73 0.00	41.31 2.37 0.00	31.67 2.00 0.00
PEEKSKILL___ 23653	33.03 1.29 0.00	29.57 1.25 0.00	17.17 0.85 0.00	18.08 0.97 0.00	20.49 1.13 0.00	32.95 1.45 0.00	37.93 1.67 0.00	48.89 2.35 0.00	34.36 1.72 0.00	29.97 1.67 -0.02	30.14 1.89 -0.04	31.73 2.06 -0.60	29.87 1.94 -0.54	28.12 1.78 -0.32	22.54 1.44 -0.19	27.09 1.73 -0.09	31.24 1.86 -0.51	38.97 2.29 -0.55	39.67 2.11 0.00	69.67 3.36 0.00	138.84 5.05 0.00	52.74 2.22 0.00	41.00 2.06 0.00	31.46 1.78 0.00
PGE MADISON___WINDPWR 24146	33.20 1.47 0.00	29.61 1.28 0.00	17.12 0.80 0.00	17.90 0.79 0.00	20.40 1.04 0.00	33.31 1.81 0.00	38.31 2.05 0.00	49.01 2.47 0.00	34.42 1.78 0.00	30.23 1.86 -0.09	29.47 1.26 0.00	29.88 0.76 -0.05	28.15 0.76 0.00	26.55 0.53 0.00	21.71 0.41 -0.40	27.92 1.02 -1.63	30.17 1.27 -0.03	38.38 2.24 0.00	40.64 3.08 0.00	71.72 5.41 0.00	144.44 10.65 0.00	54.25 3.72 0.00	41.54 2.60 0.00	31.51 1.83 0.00

PIERCEFIELD___HYD 23852	31.36 -0.37 0.00	27.92 -0.41 0.00	15.90 -0.42 0.00	16.65 -0.46 0.00	18.76 -0.60 0.00	30.86 -0.63 0.00	35.91 -0.36 0.00	46.02 -0.52 0.00	32.08 -0.57 0.00	27.66 -0.62 0.00	27.65 -0.55 0.00	28.58 -0.49 0.00	26.94 -0.45 0.00	25.56 -0.47 0.00	20.48 -0.43 0.00	24.50 -0.77 0.00	27.97 -0.91 0.00	35.03 -1.11 0.00	36.41 -1.15 0.00	64.93 -1.39 0.00	132.78 -1.00 0.00	50.02 -0.50 0.00	38.31 -0.63 0.00	28.86 -0.81 0.00
PINELAWN_CC_1 323563	42.72 2.36 -8.62	30.46 2.13 0.00	19.65 1.38 -1.95	18.60 1.49 0.00	21.11 1.76 0.00	34.01 2.51 0.00	38.87 2.61 0.00	49.91 3.37 0.00	35.67 2.46 -0.57	35.67 2.45 -4.94	37.12 2.85 -6.07	40.27 3.02 -8.18	30.52 2.71 -0.43	27.69 2.37 0.71	27.79 1.89 -4.99	31.01 2.08 -3.67	41.41 2.15 -10.38	49.69 2.18 -11.37	49.77 1.45 -10.77	76.90 2.37 -8.21	147.35 2.90 -10.66	61.96 1.93 -9.51	54.92 2.61 -13.38	48.55 2.33 -16.55
PJM_GEN_HTP_PROXY 323702	33.29 1.56 0.00	29.79 1.46 0.00	17.30 0.98 0.00	18.22 1.11 0.00	20.67 1.31 0.00	33.21 1.71 0.00	38.04 1.96 0.18	49.32 2.78 0.00	34.73 2.08 0.00	30.85 2.00 -0.57	31.47 2.22 -1.04	48.15 2.42 -16.66	44.51 2.27 -14.85	36.82 2.10 -8.70	27.81 1.68 -5.22	29.79 2.03 -2.48	44.91 2.21 -13.82	53.77 2.70 -14.93	40.02 2.46 0.00	70.22 3.90 0.00	139.63 5.85 0.00	53.05 2.53 0.00	41.97 2.31 -0.73	32.20 2.02 -0.50
PJM_GEN_KEystone 24065	31.55 -0.18 0.00	28.23 -0.09 0.00	16.44 0.12 0.00	17.24 0.12 0.00	19.54 0.18 0.00	31.74 0.25 0.00	36.31 0.36 0.31	47.07 0.53 0.00	32.97 0.33 0.00	28.72 0.48 0.04	28.91 0.60 -0.10	31.12 0.55 -1.49	29.24 0.47 -1.38	27.26 0.43 -0.81	21.34 0.37 -0.06	24.22 0.47 1.53	30.51 0.38 -1.25	38.08 0.55 -1.39	38.16 0.60 0.00	67.29 0.98 0.00	134.20 0.42 0.00	43.71 0.02 6.83	39.88 0.21 -0.73	30.79 0.30 -0.81
PJM_GEN_NEPTUNE_PROXY 323594	41.34 2.06 -7.55	30.20 1.87 0.00	19.55 1.21 -2.01	18.45 1.34 0.00	20.92 1.57 0.00	33.68 2.18 0.00	38.32 2.24 0.18	49.48 2.94 0.00	34.81 2.16 0.00	30.43 2.21 0.06	36.52 2.57 -5.75	38.06 2.77 -6.22	28.41 2.52 1.50	27.56 2.33 0.80	22.34 1.90 0.46	27.18 2.16 0.25	29.69 2.20 1.39	37.03 2.39 1.50	39.36 1.80 0.00	69.08 2.76 0.00	137.08 3.30 0.00	52.41 1.89 0.00	41.82 2.15 -0.73	32.14 1.97 -0.50
PJM_GEN_VFT_PROXY 323633	33.16 1.42 0.00	29.69 1.36 0.00	17.25 0.92 0.00	18.18 1.07 0.00	20.61 1.26 0.00	33.11 1.61 0.00	37.94 1.85 0.18	49.20 2.66 0.00	34.64 2.00 0.00	30.95 1.93 -0.74	31.70 2.13 -1.36	53.26 2.33 -21.86	49.11 2.20 -19.52	37.99 2.00 -9.97	29.10 1.62 -6.58	30.46 1.95 -3.24	49.25 2.11 -18.26	58.50 2.61 -19.74	39.92 2.36 0.00	70.05 3.74 0.00	139.12 5.34 0.00	52.92 2.40 0.00	41.89 2.23 -0.73	32.12 1.94 -0.50
PLATSBURG_115KV_PMLD1 355749	32.51 0.78 0.00	28.97 0.64 0.00	16.62 0.30 0.00	17.41 0.30 0.00	19.62 0.26 0.00	32.10 0.60 0.00	37.11 0.85 0.00	47.79 1.25 0.00	33.41 0.77 0.00	28.68 0.40 0.00	28.67 0.46 0.00	29.61 0.54 0.00	27.96 0.57 0.00	26.56 0.53 0.00	21.31 0.40 0.00	25.57 0.30 0.00	29.66 0.79 0.00	36.94 0.79 0.00	38.37 0.81 0.00	67.80 1.49 0.00	137.36 3.58 0.00	51.62 1.09 0.00	39.53 0.59 0.00	29.84 0.17 0.00
PLEASANTVLY___LBMP 24000	32.85 1.12 0.00	29.42 1.09 0.00	17.09 0.77 0.00	17.98 0.87 0.00	20.37 1.02 0.00	32.74 1.24 0.00	37.67 1.40 0.00	48.53 1.99 0.00	34.11 1.47 0.00	29.72 1.44 0.00	29.81 1.60 0.00	30.81 1.75 0.00	29.03 1.65 0.00	27.55 1.52 0.00	22.16 1.25 0.00	26.76 1.49 0.00	30.45 1.57 0.00	38.06 1.91 0.00	39.33 1.77 0.00	69.15 2.84 0.00	137.90 4.12 0.00	52.38 1.86 0.00	40.67 1.74 0.00	31.22 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.14 1.40 0.00	29.65 1.33 0.00	17.22 0.90 0.00	18.12 1.01 0.00	20.55 1.19 0.00	33.04 1.54 0.00	38.02 1.75 0.00	49.02 2.48 0.00	34.47 1.83 0.00	30.01 1.77 0.04	30.11 1.97 0.07	30.02 2.14 1.19	28.35 2.02 1.06	27.27 1.86 0.62	22.05 1.52 0.37	26.91 1.81 0.18	29.83 1.93 0.98	37.45 2.37 1.06	39.76 2.20 0.00	69.84 3.52 0.00	139.15 5.36 0.00	52.85 2.32 0.00	41.06 2.12 0.00	31.52 1.84 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.14 1.40 0.00	29.65 1.33 0.00	17.22 0.90 0.00	18.12 1.01 0.00	20.55 1.19 0.00	33.04 1.54 0.00	38.02 1.75 0.00	49.02 2.48 0.00	34.47 1.83 0.00	30.01 1.77 0.04	30.11 1.97 0.07	30.02 2.14 1.19	28.35 2.02 1.06	27.27 1.86 0.62	22.05 1.52 0.37	26.91 1.81 0.18	29.83 1.93 0.98	37.45 2.37 1.06	39.76 2.20 0.00	69.84 3.52 0.00	139.15 5.36 0.00	52.85 2.32 0.00	41.06 2.12 0.00	31.52 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.12 1.38 0.00	29.63 1.30 0.00	17.21 0.89 0.00	18.10 0.99 0.00	20.50 1.15 0.00	32.99 1.49 0.00	37.96 1.70 0.00	48.91 2.36 0.00	34.40 1.76 0.00	29.95 1.67 0.00	30.02 1.81 0.00	31.02 1.95 0.00	29.23 1.84 0.00	27.73 1.71 0.00	22.29 1.39 0.00	26.92 1.65 0.00	30.67 1.79 0.00	38.40 2.26 0.00	39.75 2.19 0.00	69.89 3.58 0.00	139.55 5.77 0.00	52.95 2.42 0.00	41.05 2.11 0.00	31.48 1.80 0.00
POLETTI____ 23519	33.22 1.49 0.00	29.72 1.39 0.00	17.03 0.71 0.00	17.95 0.84 0.00	20.35 1.00 0.00	31.39 1.14 1.24	31.71 1.29 5.85	31.90 1.88 16.53	31.83 1.74 2.55	31.04 2.01 -0.75	31.78 2.20 -1.38	53.48 2.37 -22.04	49.27 2.24 -19.65	39.61 2.08 -11.51	29.53 1.71 -6.91	30.59 2.03 -3.29	49.31 2.16 -18.28	58.52 2.63 -19.74	39.06 2.35 0.85	35.99 2.74 33.07	83.56 3.86 54.08	52.98 2.46 0.00	41.20 2.26 0.00	31.67 1.99 0.00
POMONA___ESR 323819	33.03 1.29 0.00	29.57 1.24 0.00	17.16 0.84 0.00	18.07 0.96 0.00	20.48 1.13 0.00	32.95 1.45 0.00	37.91 1.65 0.00	48.87 2.33 0.00	34.33 1.69 0.00	29.92 1.64 0.00	30.09 1.88 0.00	31.13 2.06 0.00	29.34 1.95 0.00	27.80 1.77 0.00	22.35 1.44 0.00	27.02 1.75 0.00	30.79 1.92 0.00	38.52 2.38 0.00	39.78 2.22 0.00	69.86 3.54 0.00	139.17 5.38 0.00	52.84 2.32 0.00	41.08 2.15 0.00	31.51 1.83 0.00
PORT_JEFF_3 23555	42.36 2.64 -7.98	30.69 2.36 0.00	19.83 1.52 -1.99	18.76 1.65 0.00	21.27 1.91 0.00	34.29 2.79 0.00	39.14 2.88 0.00	50.20 3.65 0.00	43.63 2.63 -8.36	104.51 2.61 -73.62	43.96 3.08 -12.67	70.00 3.29 -37.65	57.18 2.90 -26.89	29.17 2.66 -0.49	103.17 2.18 -80.08	85.31 2.48 -57.56	203.88 2.60 -172.41	227.54 2.90 -188.49	197.18 2.23 -157.40	175.77 3.67 -105.79	278.86 5.13 -139.95	174.80 2.59 -121.68	216.88 2.86 -175.08	245.41 2.60 -213.14
PORT_JEFF_4 23616	42.36 2.64 -7.98	30.69 2.36 0.00	19.83 1.52 -1.99	18.76 1.65 0.00	21.27 1.91 0.00	34.29 2.79 0.00	39.14 2.88 0.00	50.20 3.65 0.00	43.63 2.63 -8.36	104.51 2.61 -73.62	43.96 3.08 -12.67	70.00 3.29 -37.65	57.18 2.90 -26.89	29.17 2.66 -0.49	103.17 2.18 -80.08	85.31 2.48 -57.56	203.88 2.60 -172.41	227.54 2.90 -188.49	197.18 2.23 -157.40	175.77 3.67 -105.79	278.86 5.13 -139.95	174.80 2.59 -121.68	216.88 2.86 -175.08	245.41 2.60 -213.14

PORT_JEFF_IC 23713	42.44 2.70 -8.01	30.74 2.41 0.00	19.86 1.55 -1.99	18.79 1.68 0.00	21.30 1.95 0.00	34.35 2.85 0.00	39.21 2.94 0.00	50.28 3.74 0.00	44.98 2.69 -9.64	115.90 2.69 -84.93	45.07 3.12 -13.74	74.87 3.33 -42.47	61.58 2.94 -31.25	29.42 2.71 -0.68	115.57 2.22 -92.44	94.25 2.55 -66.43	230.62 2.66 -199.09	256.86 3.05 -217.66	219.99 2.31 -180.11	178.22 3.68 -108.23	284.75 5.13 -145.84	176.79 2.60 -123.67	223.82 2.92 -181.97	250.35 2.64 -218.03
PPL PILGRIM_ST_GT1 24216	42.34 2.52 -8.09	30.58 2.25 0.00	19.77 1.46 -1.98	18.69 1.58 0.00	21.21 1.85 0.00	34.17 2.67 0.00	38.99 2.72 0.00	49.99 3.45 0.00	36.84 2.48 -1.71	45.81 2.49 -15.04	38.26 2.94 -7.11	44.79 3.13 -12.59	34.42 2.72 -4.32	28.02 2.53 0.54	39.05 2.10 -16.04	39.24 2.38 -11.59	65.59 2.49 -34.22	76.22 2.66 -37.43	71.79 1.72 -32.51	93.69 3.11 -24.26	169.82 4.44 -31.59	80.88 2.30 -28.06	81.24 2.68 -39.62	80.93 2.37 -48.89
PPL PILGRIM_ST_GT2 24217	42.34 2.52 -8.09	30.58 2.25 0.00	19.77 1.46 -1.98	18.69 1.58 0.00	21.21 1.85 0.00	34.17 2.67 0.00	38.99 2.72 0.00	49.99 3.45 0.00	36.84 2.48 -1.71	45.81 2.49 -15.04	38.26 2.94 -7.11	44.79 3.13 -12.59	34.42 2.72 -4.32	28.02 2.53 0.54	39.05 2.10 -16.04	39.24 2.38 -11.59	65.59 2.49 -34.22	76.22 2.66 -37.43	71.79 1.72 -32.51	93.69 3.11 -24.26	169.82 4.44 -31.59	80.88 2.30 -28.06	81.24 2.68 -39.62	80.93 2.37 -48.89
PPL_SHRM_GT3 24213	42.82 3.09 -7.99	31.08 2.75 0.00	20.05 1.74 -1.99	18.99 1.88 0.00	21.52 2.16 0.00	34.75 3.25 0.00	39.70 3.43 0.00	50.93 4.39 0.00	44.34 3.13 -8.56	106.79 3.08 -75.43	44.58 3.53 -12.84	71.23 3.75 -38.41	58.27 3.29 -27.59	29.53 2.99 -0.52	105.39 2.43 -82.05	87.01 2.76 -58.97	208.47 2.92 -176.67	232.68 3.38 -193.15	200.87 2.67 -160.64	175.67 4.56 -104.80	280.02 6.98 -139.26	174.11 3.25 -120.34	216.28 3.23 -174.11	243.71 2.87 -211.17
PPL_SHRM_GT4 24214	42.82 3.09 -7.99	31.08 2.75 0.00	20.05 1.74 -1.99	18.99 1.88 0.00	21.52 2.16 0.00	34.75 3.25 0.00	39.70 3.43 0.00	50.93 4.39 0.00	44.34 3.13 -8.56	106.79 3.08 -75.43	44.58 3.53 -12.84	71.23 3.75 -38.41	58.27 3.29 -27.59	29.53 2.99 -0.52	105.39 2.43 -82.05	87.01 2.76 -58.97	208.47 2.92 -176.67	232.68 3.38 -193.15	200.87 2.67 -160.64	175.67 4.56 -104.80	280.02 6.98 -139.26	174.11 3.25 -120.34	216.28 3.23 -174.11	243.71 2.87 -211.17
PROJECT___ORANGE 1 24174	31.37 -0.37 0.00	27.99 -0.34 0.00	16.19 -0.13 0.00	16.95 -0.16 0.00	19.18 -0.17 0.00	31.25 -0.25 0.00	35.92 -0.35 0.00	46.01 -0.53 0.00	32.32 -0.33 0.00	28.08 -0.20 0.00	27.88 -0.33 0.00	28.63 -0.43 0.00	26.97 -0.42 0.00	25.66 -0.36 0.00	20.65 -0.26 0.00	25.01 -0.26 0.00	28.58 -0.30 0.00	35.85 -0.29 0.00	37.45 -0.11 0.00	66.16 -0.15 0.00	132.95 -0.83 0.00	50.10 -0.42 0.00	38.57 -0.37 0.00	29.49 -0.19 0.00
PROJECT___ORANGE 2 24166	31.37 -0.37 0.00	27.99 -0.34 0.00	16.19 -0.13 0.00	16.95 -0.16 0.00	19.18 -0.17 0.00	31.25 -0.25 0.00	35.92 -0.35 0.00	46.01 -0.53 0.00	32.32 -0.33 0.00	28.08 -0.20 0.00	27.88 -0.33 0.00	28.63 -0.43 0.00	26.97 -0.42 0.00	25.66 -0.36 0.00	20.65 -0.26 0.00	25.01 -0.26 0.00	28.58 -0.30 0.00	35.85 -0.29 0.00	37.45 -0.11 0.00	66.16 -0.15 0.00	132.95 -0.83 0.00	50.10 -0.42 0.00	38.57 -0.37 0.00	29.49 -0.19 0.00
PUCKETT___SOLAR 323809	31.88 0.14 0.00	28.46 0.13 0.00	16.54 0.21 0.00	17.29 0.18 0.00	19.64 0.28 0.00	31.94 0.44 0.00	36.81 0.54 0.00	47.18 0.64 0.00	33.06 0.42 0.00	28.88 0.60 0.00	28.59 0.38 0.00	29.08 0.01 0.00	27.35 -0.04 0.00	25.96 -0.07 0.00	20.82 -0.08 0.00	25.34 0.07 0.00	29.03 0.16 0.00	36.70 0.56 0.00	38.47 0.91 0.00	67.96 1.65 0.00	136.27 2.49 0.00	51.25 0.73 0.00	39.43 0.49 0.00	30.04 0.37 0.00
PYRITES___HYD 24023	32.23 0.49 0.00	28.68 0.35 0.00	16.34 0.02 0.00	17.10 -0.01 0.00	19.28 -0.07 0.00	31.76 0.26 0.00	36.94 0.67 0.00	47.17 0.63 0.00	32.65 0.00 0.00	28.09 -0.19 0.00	28.09 -0.12 0.00	29.12 0.05 0.00	27.42 0.03 0.00	26.05 0.02 0.00	20.86 -0.05 0.00	24.95 -0.33 0.00	28.46 -0.41 0.00	35.68 -0.47 0.00	37.05 -0.51 0.00	66.42 0.11 0.00	136.49 2.71 0.00	51.51 0.99 0.00	39.40 0.46 0.00	29.65 -0.03 0.00
QUAKERRD_115KV_BK1 80622	30.03 -1.70 0.00	26.81 -1.52 0.00	15.50 -0.82 0.00	16.18 -0.93 0.00	18.29 -1.06 0.00	30.21 -1.29 0.00	34.86 -1.41 0.00	44.58 -1.96 0.00	31.19 -1.45 0.00	27.07 -1.21 0.00	26.91 -1.30 0.00	27.60 -1.47 0.00	25.99 -1.39 0.00	24.75 -1.27 0.00	19.94 -0.97 0.00	24.08 -1.20 0.00	27.48 -1.40 0.00	34.53 -1.61 0.00	36.23 -1.33 0.00	64.25 -2.06 0.00	129.06 -4.72 0.00	48.27 -2.26 0.00	37.00 -1.94 0.00	28.30 -1.37 0.00
QUENSBRY_115KV_TB8 356137	33.11 1.37 0.00	29.55 1.22 0.00	17.17 0.85 0.00	18.01 0.90 0.00	20.38 1.02 0.00	32.82 1.33 0.00	37.91 1.64 0.00	49.04 2.50 0.00	34.27 1.63 0.00	29.38 1.10 0.00	29.09 0.88 0.00	30.08 1.01 0.00	28.22 0.84 0.00	26.78 0.76 0.00	21.45 0.54 0.00	26.31 1.04 0.00	30.24 1.36 0.00	37.87 1.72 0.00	39.59 2.03 0.00	70.47 4.15 0.00	141.79 8.01 0.00	53.51 2.98 0.00	41.11 2.18 0.00	31.43 1.75 0.00
RAMAPO___LBMP 323565	32.90 1.16 0.00	29.45 1.13 0.00	17.10 0.77 0.00	18.01 0.90 0.00	20.41 1.05 0.00	32.83 1.33 0.00	37.80 1.54 0.00	48.71 2.17 0.00	34.22 1.58 0.00	29.80 1.53 0.00	29.97 1.76 0.00	30.99 1.92 0.00	29.20 1.82 0.00	27.68 1.66 0.00	22.25 1.34 0.00	26.90 1.62 0.00	30.63 1.75 0.00	38.31 2.17 0.00	39.58 2.02 0.00	69.52 3.20 0.00	138.52 4.74 0.00	52.61 2.08 0.00	40.90 1.96 0.00	31.37 1.70 0.00
RANKINE____ 23646	29.89 -1.85 0.00	26.65 -1.68 0.00	15.49 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.17 0.00	30.42 -1.07 0.00	35.25 -1.01 0.00	44.94 -1.60 0.00	31.37 -1.27 0.00	26.82 -0.94 0.53	27.18 -1.02 0.00	27.44 -1.30 0.32	26.11 -1.28 0.00	24.88 -1.14 0.00	17.75 -0.86 2.30	14.71 -1.04 9.53	27.32 -1.39 0.17	34.69 -1.45 0.00	36.56 -1.00 0.00	65.04 -1.27 0.00	130.42 -3.36 0.00	48.47 -2.06 0.00	37.05 -1.89 0.00	28.32 -1.35 0.00
RAVENSWOOD_GT2_1 24244	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.38 2.84 0.00	34.78 2.14 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.18 2.12 -14.04	31.05 1.72 -8.42	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.79 6.00 0.00	53.13 2.61 0.00	41.30 2.37 0.00	31.73 2.06 0.00
RAVENSWOOD_GT2_2 24245	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.38 2.84 0.00	34.78 2.14 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.18 2.12 -14.04	31.05 1.72 -8.42	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.79 6.00 0.00	53.13 2.61 0.00	41.30 2.37 0.00	31.73 2.06 0.00

RAVENSWOOD_GT2_3 24246	33.34 1.61 0.00	29.83 1.51 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.70 1.34 0.00	33.25 1.75 0.00	38.29 2.02 0.00	49.40 2.86 0.00	34.80 2.15 0.00	31.25 2.06 -0.91	32.16 2.27 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.19 2.12 -14.04	31.06 1.73 -8.42	31.34 2.06 -4.01	53.39 2.22 -22.29	62.94 2.72 -24.08	40.08 2.52 0.00	70.34 4.02 0.00	139.84 6.06 0.00	53.16 2.64 0.00	41.32 2.38 0.00	31.74 2.07 0.00
RAVENSWOOD_GT2_4 24247	33.34 1.61 0.00	29.83 1.51 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.70 1.34 0.00	33.25 1.75 0.00	38.29 2.02 0.00	49.40 2.86 0.00	34.80 2.15 0.00	31.25 2.06 -0.91	32.16 2.27 -1.68	58.41 2.46 -26.88	53.65 2.31 -23.96	42.19 2.12 -14.04	31.06 1.73 -8.42	31.34 2.06 -4.01	53.39 2.22 -22.29	62.94 2.72 -24.08	40.08 2.52 0.00	70.34 4.02 0.00	139.84 6.06 0.00	53.16 2.64 0.00	41.32 2.38 0.00	31.74 2.07 0.00
RAVENSWOOD_GT3_1 24248	33.33 1.59 0.00	29.82 1.49 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.18 2.12 -14.04	31.05 1.72 -8.42	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.79 6.01 0.00	53.13 2.61 0.00	41.30 2.37 0.00	31.73 2.06 0.00
RAVENSWOOD_GT3_2 24249	33.33 1.59 0.00	29.82 1.49 0.00	17.32 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.18 2.12 -14.04	31.05 1.72 -8.42	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.79 6.01 0.00	53.13 2.61 0.00	41.30 2.37 0.00	31.73 2.06 0.00
RAVENSWOOD_GT3_3 24250	33.38 1.64 0.00	29.86 1.53 0.00	17.33 1.01 0.00	18.26 1.15 0.00	20.72 1.36 0.00	33.28 1.78 0.00	38.33 2.06 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.30 2.11 -0.91	32.19 2.31 -1.68	58.44 2.49 -26.88	53.68 2.34 -23.96	42.23 2.16 -14.04	31.09 1.75 -8.42	31.37 2.09 -4.01	53.43 2.26 -22.29	62.98 2.77 -24.08	40.13 2.57 0.00	70.42 4.10 0.00	140.04 6.26 0.00	53.21 2.69 0.00	41.36 2.42 0.00	31.78 2.10 0.00
RAVENSWOOD_GT3_4 24251	33.38 1.64 0.00	29.86 1.53 0.00	17.33 1.01 0.00	18.26 1.15 0.00	20.72 1.36 0.00	33.28 1.78 0.00	38.33 2.06 0.00	49.46 2.92 0.00	34.84 2.19 0.00	31.30 2.11 -0.91	32.19 2.31 -1.68	58.44 2.49 -26.88	53.68 2.34 -23.96	42.23 2.16 -14.04	31.09 1.75 -8.42	31.37 2.09 -4.01	53.43 2.26 -22.29	62.98 2.77 -24.08	40.13 2.57 0.00	70.42 4.10 0.00	140.04 6.26 0.00	53.21 2.69 0.00	41.36 2.42 0.00	31.78 2.10 0.00
RAVENSWOOD_GT_1 23729	33.41 1.68 0.00	29.90 1.57 0.00	17.34 1.01 0.00	18.26 1.15 0.00	20.72 1.36 0.00	33.25 1.75 0.00	38.30 2.03 0.00	49.44 2.90 0.00	34.86 2.22 0.00	31.34 2.14 -0.91	32.22 2.34 -1.68	58.48 2.53 -26.88	53.72 2.37 -23.96	44.26 2.20 -16.04	31.61 1.78 -8.92	31.40 2.12 -4.01	53.45 2.28 -22.29	63.01 2.79 -24.08	40.18 2.62 0.00	70.43 4.11 0.00	140.09 6.30 0.00	53.29 2.77 0.00	41.42 2.48 0.00	31.82 2.14 0.00
RAVENSWOOD_GT_10 24258	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.24 2.05 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.41 2.12 -14.27	31.10 1.72 -8.48	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.77 5.99 0.00	53.13 2.61 0.00	41.30 2.36 0.00	31.73 2.06 0.00
RAVENSWOOD_GT_11 24259	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.24 2.05 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.41 2.12 -14.27	31.10 1.72 -8.48	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.77 5.99 0.00	53.13 2.61 0.00	41.30 2.36 0.00	31.73 2.06 0.00
RAVENSWOOD_GT_4 24252	33.33 1.59 0.00	29.81 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.28 2.02 0.00	49.39 2.85 0.00	34.78 2.13 0.00	31.24 2.05 -0.91	32.14 2.25 -1.68	58.38 2.43 -26.88	53.62 2.28 -23.96	43.70 2.11 -15.56	31.42 1.71 -8.80	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.05 2.49 0.00	70.30 3.98 0.00	139.77 5.99 0.00	53.13 2.60 0.00	41.29 2.36 0.00	31.72 2.05 0.00
RAVENSWOOD_GT_5 24254	33.33 1.59 0.00	29.81 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.28 2.02 0.00	49.39 2.85 0.00	34.78 2.13 0.00	31.24 2.05 -0.91	32.14 2.25 -1.68	58.38 2.43 -26.88	53.62 2.28 -23.96	43.70 2.11 -15.56	31.42 1.71 -8.80	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.05 2.49 0.00	70.30 3.98 0.00	139.77 5.99 0.00	53.13 2.60 0.00	41.29 2.36 0.00	31.72 2.05 0.00
RAVENSWOOD_GT_6 24253	33.33 1.59 0.00	29.81 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.28 2.02 0.00	49.39 2.85 0.00	34.78 2.13 0.00	31.24 2.05 -0.91	32.14 2.25 -1.68	58.38 2.43 -26.88	53.62 2.28 -23.96	43.70 2.11 -15.56	31.42 1.71 -8.80	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.05 2.49 0.00	70.30 3.98 0.00	139.77 5.99 0.00	53.13 2.60 0.00	41.29 2.36 0.00	31.72 2.05 0.00
RAVENSWOOD_GT_7 24255	33.33 1.59 0.00	29.81 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.28 2.02 0.00	49.39 2.85 0.00	34.78 2.13 0.00	31.24 2.05 -0.91	32.14 2.25 -1.68	58.38 2.43 -26.88	53.62 2.28 -23.96	43.70 2.11 -15.56	31.42 1.71 -8.80	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.05 2.49 0.00	70.30 3.98 0.00	139.77 5.99 0.00	53.13 2.60 0.00	41.29 2.36 0.00	31.72 2.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.24 2.05 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.41 2.12 -14.27	31.10 1.72 -8.48	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.77 5.99 0.00	53.13 2.61 0.00	41.30 2.36 0.00	31.73 2.06 0.00
RAVENSWOOD_GT_9 24257	33.33 1.59 0.00	29.82 1.49 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.39 2.85 0.00	34.78 2.14 0.00	31.24 2.05 -0.91	32.14 2.26 -1.68	58.39 2.44 -26.88	53.63 2.29 -23.96	42.41 2.12 -14.27	31.10 1.72 -8.48	31.32 2.04 -4.01	53.37 2.21 -22.29	62.92 2.70 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.77 5.99 0.00	53.13 2.61 0.00	41.30 2.36 0.00	31.73 2.06 0.00

RAVENSWOOD___1 23533	33.37 1.63 0.00	29.86 1.54 0.00	17.32 1.00 0.00	18.25 1.14 0.00	20.70 1.35 0.00	33.22 1.72 0.00	38.25 1.98 0.00	49.37 2.83 0.00	34.81 2.16 0.00	31.26 2.07 -0.91	32.16 2.27 -1.68	58.39 2.44 -26.88	53.62 2.28 -23.96	40.22 2.12 -12.07	30.58 1.73 -7.94	31.31 2.04 -4.01	53.36 2.19 -22.29	62.92 2.70 -24.08	40.12 2.56 0.00	70.34 4.03 0.00	139.93 6.16 0.00	53.21 2.69 0.00	41.37 2.44 0.00	31.78 2.10 0.00
RAVENSWOOD___2 23534	33.37 1.63 0.00	29.86 1.54 0.00	17.32 1.00 0.00	18.25 1.14 0.00	20.70 1.35 0.00	33.22 1.72 0.00	38.25 1.98 0.00	49.37 2.83 0.00	34.81 2.16 0.00	31.26 2.07 -0.91	32.16 2.27 -1.68	58.39 2.44 -26.88	53.62 2.28 -23.96	40.22 2.12 -12.07	30.58 1.73 -7.94	31.31 2.04 -4.01	53.36 2.19 -22.29	62.92 2.70 -24.08	40.12 2.56 0.00	70.34 4.03 0.00	139.93 6.16 0.00	53.21 2.69 0.00	41.37 2.44 0.00	31.78 2.10 0.00
RAVENSWOOD___3 23535	33.33 1.59 0.00	29.82 1.50 0.00	17.31 0.99 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.00 0.00	49.38 2.84 0.00	34.78 2.14 0.00	31.25 2.06 -0.91	32.14 2.26 -1.68	58.39 2.45 -26.88	53.64 2.30 -23.96	42.18 2.12 -14.04	31.05 1.72 -8.42	31.33 2.06 -4.01	53.39 2.22 -22.29	62.93 2.71 -24.08	40.06 2.50 0.00	70.29 3.98 0.00	139.78 6.00 0.00	53.13 2.60 0.00	41.31 2.37 0.00	31.73 2.06 0.00
RAVENSWOOD___4 23820	33.37 1.63 0.00	29.86 1.54 0.00	17.32 1.00 0.00	18.25 1.14 0.00	20.70 1.35 0.00	33.22 1.72 0.00	38.25 1.98 0.00	49.37 2.83 0.00	34.81 2.16 0.00	31.26 2.07 -0.91	32.16 2.27 -1.68	58.39 2.44 -26.88	53.62 2.28 -23.96	40.22 2.12 -12.07	30.58 1.73 -7.94	31.31 2.04 -4.01	53.36 2.19 -22.29	62.92 2.70 -24.08	40.12 2.56 0.00	70.34 4.03 0.00	139.93 6.16 0.00	53.21 2.69 0.00	41.37 2.44 0.00	31.78 2.10 0.00
RCPL_TRUST___DRP 24196	33.29 1.56 0.00	29.79 1.46 0.00	17.30 0.98 0.00	18.22 1.11 0.00	20.67 1.31 0.00	33.21 1.71 0.00	38.23 1.96 0.00	49.32 2.78 0.00	34.73 2.09 0.00	30.85 2.00 -0.57	31.46 2.21 -1.04	48.14 2.41 -16.66	44.50 2.26 -14.85	36.81 2.09 -8.70	27.82 1.68 -5.22	29.77 2.02 -2.48	44.89 2.19 -13.82	53.76 2.69 -14.93	40.02 2.46 0.00	70.22 3.90 0.00	139.63 5.85 0.00	53.05 2.53 0.00	41.25 2.31 0.00	31.70 2.02 0.00
RED___ROCHESTER 323720	30.71 -1.02 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.55 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.74 -0.54 0.00	27.61 -0.60 0.00	28.32 -0.74 0.00	26.67 -0.71 0.00	25.40 -0.62 0.00	20.47 -0.43 0.00	24.74 -0.54 0.00	28.19 -0.69 0.00	35.45 -0.70 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.71 -1.08 0.00	49.54 -0.98 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
REGAN___SOLAR 323812	33.26 1.52 0.00	29.69 1.36 0.00	17.13 0.81 0.00	17.94 0.83 0.00	20.28 0.93 0.00	33.08 1.59 0.00	38.04 1.77 0.00	48.55 2.01 0.00	33.41 0.77 0.00	28.68 0.40 0.00	28.40 0.19 0.00	29.12 0.05 0.00	27.33 -0.05 0.00	25.77 -0.26 0.00	20.71 -0.19 0.00	25.17 -0.10 0.00	28.93 0.05 0.00	36.63 0.49 0.00	39.04 1.47 0.00	70.20 3.89 0.00	141.63 7.85 0.00	53.61 3.09 0.00	41.18 2.24 0.00	31.34 1.66 0.00
RENSSELAER___COGEN 23796	31.92 0.18 0.00	28.63 0.30 0.00	16.65 0.32 0.00	17.48 0.37 0.00	19.74 0.38 0.00	31.71 0.22 0.00	36.43 0.16 0.00	46.83 0.29 0.00	32.96 0.31 0.00	28.52 0.24 0.00	28.37 0.16 0.00	29.26 0.19 0.00	27.55 0.17 0.00	26.19 0.17 0.00	21.04 0.13 0.00	25.52 0.25 0.00	29.09 0.21 0.00	36.30 0.16 0.00	37.80 0.24 0.00	66.65 0.34 0.00	133.71 -0.07 0.00	50.72 0.20 0.00	39.19 0.25 0.00	30.15 0.47 0.00
REPUBLIC_115KV_BARTNBK 55605	33.58 1.85 0.00	29.95 1.62 0.00	17.52 1.20 0.00	18.37 1.26 0.00	20.78 1.42 0.00	33.28 1.78 0.00	38.60 2.33 0.00	50.21 3.67 0.00	34.92 2.28 0.00	29.52 1.24 0.00	29.23 1.02 0.00	30.49 1.43 0.00	28.65 1.26 0.00	27.09 1.07 0.00	21.64 0.73 0.00	26.90 1.63 0.00	31.04 2.16 0.00	38.83 2.69 0.00	40.41 2.85 0.00	72.72 6.41 0.00	146.16 12.38 0.00	55.20 4.67 0.00	42.23 3.29 0.00	32.14 2.47 0.00
REVERE_CPPR_DRP 24186	32.63 0.89 0.00	29.07 0.75 0.00	16.75 0.42 0.00	17.51 0.40 0.00	19.81 0.46 0.00	32.37 0.87 0.00	37.29 1.03 0.00	47.71 1.17 0.00	33.48 0.84 0.00	29.19 0.91 0.00	29.05 0.84 0.00	29.60 0.53 0.00	27.75 0.36 0.00	26.36 0.34 0.00	21.20 0.29 0.00	25.52 0.25 0.00	29.23 0.36 0.00	36.88 0.74 0.00	38.79 1.23 0.00	69.07 2.75 0.00	139.27 5.49 0.00	52.56 2.04 0.00	40.37 1.43 0.00	30.71 1.03 0.00
REYNLDPA_13_KV_LD 356490	32.17 0.43 0.00	28.67 0.34 0.00	16.38 0.06 0.00	17.17 0.06 0.00	19.36 0.00 0.00	31.74 0.24 0.00	36.72 0.45 0.00	47.13 0.60 0.00	32.99 0.35 0.00	28.49 0.21 0.00	28.47 0.27 0.00	29.40 0.33 0.00	27.75 0.36 0.00	26.38 0.35 0.00	21.19 0.28 0.00	25.48 0.21 0.00	29.18 0.30 0.00	36.47 0.33 0.00	37.82 0.26 0.00	66.88 0.57 0.00	135.90 2.12 0.00	51.08 0.56 0.00	39.24 0.30 0.00	29.66 -0.02 0.00
REYNOLDS_115KV_TB3 80639	32.13 0.39 0.00	28.81 0.48 0.00	16.75 0.42 0.00	17.58 0.47 0.00	19.86 0.51 0.00	31.91 0.41 0.00	36.65 0.38 0.00	47.16 0.62 0.00	33.15 0.50 0.00	28.67 0.38 0.00	28.50 0.29 0.00	29.39 0.32 0.00	27.67 0.29 0.00	26.30 0.28 0.00	21.13 0.22 0.00	25.65 0.37 0.00	29.22 0.35 0.00	36.47 0.33 0.00	37.98 0.42 0.00	67.02 0.70 0.00	134.49 0.71 0.00	51.03 0.50 0.00	39.43 0.49 0.00	30.34 0.66 0.00
RIVERBAY____ 323610	34.06 2.32 0.00	30.51 2.18 0.00	17.66 1.33 0.00	18.60 1.49 0.00	21.12 1.76 0.00	33.95 2.45 0.00	39.16 2.89 0.00	50.51 3.97 0.00	35.59 2.94 0.00	31.76 2.71 -0.77	32.41 2.82 -1.38	54.16 3.05 -22.04	49.94 2.90 -19.65	40.23 2.68 -11.52	30.67 2.15 -7.62	31.18 2.61 -3.29	49.98 2.82 -18.28	59.29 3.39 -19.75	40.99 3.43 0.00	71.69 5.38 0.00	142.75 8.97 0.00	54.45 3.93 0.00	42.31 3.37 0.00	32.50 2.83 0.00
RIVERSDE_115KV_TB3 55908	32.05 0.31 0.00	28.74 0.41 0.00	16.71 0.39 0.00	17.54 0.43 0.00	19.82 0.46 0.00	31.83 0.33 0.00	36.56 0.29 0.00	47.04 0.50 0.00	33.08 0.44 0.00	28.63 0.35 0.00	28.47 0.26 0.00	29.36 0.30 0.00	27.65 0.27 0.00	26.28 0.25 0.00	21.12 0.21 0.00	25.63 0.35 0.00	29.20 0.33 0.00	36.46 0.32 0.00	37.96 0.40 0.00	66.93 0.62 0.00	134.36 0.57 0.00	50.95 0.42 0.00	39.35 0.42 0.00	30.27 0.59 0.00
ROARING___BROOK_WT_PWR 323790	31.63 -0.10 0.00	28.14 -0.18 0.00	16.10 -0.22 0.00	16.88 -0.23 0.00	19.08 -0.27 0.00	31.21 -0.28 0.00	35.89 -0.37 0.00	46.34 -0.20 0.00	32.45 -0.19 0.00	27.95 -0.33 0.00	28.14 -0.07 0.00	28.99 -0.08 0.00	27.27 -0.12 0.00	25.80 -0.22 0.00	20.63 -0.28 0.00	24.90 -0.38 0.00	28.48 -0.40 0.00	35.73 -0.41 0.00	37.13 -0.43 0.00	66.11 -0.20 0.00	133.66 -0.12 0.00	50.45 -0.07 0.00	38.81 -0.13 0.00	29.54 -0.14 0.00

ROCHESRG_115KV_T4 355643	30.39 -1.34 0.00	27.13 -1.20 0.00	15.70 -0.62 0.00	16.37 -0.74 0.00	18.50 -0.85 0.00	30.65 -0.85 0.00	35.37 -0.89 0.00	45.21 -1.33 0.00	31.61 -1.03 0.00	27.45 -0.83 0.00	27.30 -0.90 0.00	27.98 -1.09 0.00	26.35 -1.04 0.00	25.09 -0.93 0.00	20.22 -0.69 0.00	24.40 -0.87 0.00	27.83 -1.05 0.00	34.97 -1.17 0.00	36.71 -0.85 0.00	65.14 -1.18 0.00	130.85 -2.94 0.00	48.88 -1.65 0.00	37.45 -1.49 0.00	28.65 -1.03 0.00
ROCHESTER_9_IC 23652	30.56 -1.18 0.00	27.28 -1.05 0.00	15.78 -0.54 0.00	16.45 -0.66 0.00	18.59 -0.76 0.00	30.81 -0.69 0.00	35.58 -0.69 0.00	45.48 -1.06 0.00	31.80 -0.84 0.00	27.61 -0.67 0.00	27.46 -0.75 0.00	28.16 -0.91 0.00	26.52 -0.87 0.00	25.25 -0.78 0.00	20.35 -0.56 0.00	24.57 -0.70 0.00	28.01 -0.86 0.00	35.21 -0.93 0.00	36.98 -0.58 0.00	65.62 -0.69 0.00	131.80 -1.98 0.00	49.23 -1.30 0.00	37.70 -1.24 0.00	28.82 -0.85 0.00
ROCKVIEW_13_KV_LD 356306	33.29 1.56 0.00	29.79 1.46 0.00	17.29 0.97 0.00	18.20 1.09 0.00	20.64 1.28 0.00	33.18 1.68 0.00	38.19 1.93 0.00	49.25 2.71 0.00	34.65 2.00 0.00	30.20 1.94 0.02	30.33 2.16 0.04	30.85 2.36 0.58	29.09 2.22 0.51	27.77 2.05 0.30	22.39 1.66 0.18	27.17 1.99 0.09	30.53 2.13 0.48	38.22 2.60 0.51	39.97 2.41 0.00	70.19 3.88 0.00	139.77 5.99 0.00	53.12 2.59 0.00	41.28 2.34 0.00	31.69 2.01 0.00
ROME____115KV_TB2 80656	32.63 0.89 0.00	29.07 0.75 0.00	16.75 0.42 0.00	17.51 0.40 0.00	19.81 0.46 0.00	32.37 0.87 0.00	37.29 1.03 0.00	47.71 1.17 0.00	33.48 0.84 0.00	29.19 0.91 0.00	29.05 0.84 0.00	29.60 0.53 0.00	27.75 0.36 0.00	26.36 0.34 0.00	21.20 0.29 0.00	25.52 0.25 0.00	29.23 0.36 0.00	36.88 0.74 0.00	38.79 1.23 0.00	69.07 2.75 0.00	139.27 5.49 0.00	52.56 2.04 0.00	40.37 1.43 0.00	30.71 1.03 0.00
ROSETON___1 23587	32.89 1.15 0.00	29.44 1.11 0.00	17.09 0.77 0.00	17.98 0.87 0.00	20.38 1.02 0.00	32.77 1.27 0.00	37.71 1.44 0.00	48.57 2.03 0.00	34.14 1.50 0.00	29.74 1.46 0.00	29.85 1.64 0.00	30.86 1.79 0.00	29.08 1.69 0.00	27.58 1.55 0.00	22.17 1.26 0.00	26.78 1.51 0.00	30.49 1.61 0.00	38.12 1.98 0.00	39.40 1.84 0.00	69.23 2.92 0.00	138.10 4.32 0.00	52.45 1.92 0.00	40.72 1.78 0.00	31.25 1.57 0.00
ROSETON___2 23588	32.89 1.15 0.00	29.44 1.11 0.00	17.09 0.77 0.00	17.98 0.87 0.00	20.38 1.02 0.00	32.77 1.27 0.00	37.71 1.44 0.00	48.57 2.03 0.00	34.14 1.50 0.00	29.74 1.46 0.00	29.85 1.64 0.00	30.86 1.79 0.00	29.08 1.69 0.00	27.58 1.55 0.00	22.17 1.26 0.00	26.78 1.51 0.00	30.49 1.61 0.00	38.12 1.98 0.00	39.40 1.84 0.00	69.23 2.92 0.00	138.10 4.32 0.00	52.45 1.92 0.00	40.72 1.78 0.00	31.25 1.57 0.00
ROTRRDAM_115KV_TB3 80664	32.39 0.66 0.00	28.98 0.65 0.00	16.78 0.46 0.00	17.60 0.49 0.00	19.92 0.57 0.00	32.20 0.70 0.00	37.01 0.74 0.00	47.56 1.02 0.00	33.32 0.68 0.00	28.82 0.54 0.00	28.69 0.48 0.00	29.56 0.49 0.00	27.83 0.44 0.00	26.43 0.40 0.00	21.23 0.32 0.00	25.73 0.45 0.00	29.38 0.51 0.00	36.78 0.64 0.00	38.32 0.76 0.00	67.80 1.49 0.00	136.29 2.51 0.00	51.61 1.09 0.00	39.81 0.87 0.00	30.48 0.80 0.00
RUSSELL___1 23602	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
RUSSELL___2 23532	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
RUSSELL___3 23549	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
RUSSELL___4 23556	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
RUSSELL___STATION 23914	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
S SALMON___HYD 24043	31.30 -0.43 0.00	27.95 -0.38 0.00	16.08 -0.24 0.00	16.79 -0.32 0.00	18.95 -0.41 0.00	31.04 -0.46 0.00	35.66 -0.60 0.00	45.59 -0.95 0.00	31.93 -0.71 0.00	27.81 -0.47 0.00	27.71 -0.50 0.00	28.42 -0.65 0.00	26.67 -0.72 0.00	25.24 -0.79 0.00	20.17 -0.74 0.00	24.21 -1.06 0.00	27.65 -1.23 0.00	34.75 -1.39 0.00	36.55 -1.01 0.00	65.47 -0.84 0.00	132.65 -1.13 0.00	50.16 -0.36 0.00	38.64 -0.30 0.00	29.45 -0.22 0.00
S.PERRY__115KV_TB1 80734	31.16 -0.57 0.00	27.68 -0.65 0.00	16.06 -0.26 0.00	16.76 -0.35 0.00	18.95 -0.40 0.00	31.45 -0.05 0.00	36.59 0.32 0.00	46.91 0.36 0.00	32.54 -0.10 0.00	29.49 -0.56 -1.77	27.44 -0.77 0.00	29.13 -1.01 -1.08	26.54 -0.85 0.00	25.23 -0.79 0.00	28.05 -0.59 -7.73	56.52 -0.70 -31.95	28.67 -0.78 -0.57	35.42 -0.72 0.00	37.50 -0.06 0.00	67.44 1.12 0.00	136.51 2.73 0.00	51.14 0.62 0.00	39.02 0.08 0.00	29.61 -0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.57 -2.17 0.00	26.39 -1.93 0.00	15.33 -1.00 0.00	15.92 -1.19 0.00	17.97 -1.38 0.00	30.12 -1.38 0.00	34.87 -1.39 0.00	44.39 -2.15 0.00	31.00 -1.64 0.00	26.53 -1.25 0.50	26.89 -1.32 0.00	27.13 -1.63 0.31	25.82 -1.57 0.00	24.60 -1.43 0.00	17.65 -1.05 2.20	14.84 -1.32 9.12	27.01 -1.71 0.16	34.22 -1.92 0.00	36.06 -1.50 0.00	64.11 -2.21 0.00	128.59 -5.20 0.00	47.78 -2.75 0.00	36.54 -2.40 0.00	28.01 -1.67 0.00

SAWYER___23_KV_LOAD 55526	29.57 -2.17 0.00	26.39 -1.93 0.00	15.33 -1.00 0.00	15.92 -1.19 0.00	17.97 -1.38 0.00	30.12 -1.38 0.00	34.87 -1.39 0.00	44.39 -2.15 0.00	31.00 -1.64 0.00	26.53 -1.25 0.50	26.89 -1.32 0.00	27.13 -1.63 0.31	25.82 -1.57 0.00	24.60 -1.43 0.00	17.65 -1.05 2.20	14.84 -1.32 9.12	27.01 -1.71 0.16	34.22 -1.92 0.00	36.06 -1.50 0.00	64.11 -2.21 0.00	128.59 -5.20 0.00	47.78 -2.75 0.00	36.54 -2.40 0.00	28.01 -1.67 0.00
SELKIRK___I 23801	32.16 0.42 0.00	28.82 0.49 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.49 0.00	31.97 0.47 0.00	36.72 0.45 0.00	47.15 0.61 0.00	33.07 0.43 0.00	28.61 0.33 0.00	28.41 0.20 0.00	29.24 0.17 0.00	27.47 0.08 0.00	26.15 0.12 0.00	21.00 0.09 0.00	25.43 0.16 0.00	29.00 0.12 0.00	36.28 0.14 0.00	37.92 0.36 0.00	67.05 0.73 0.00	134.83 1.05 0.00	51.11 0.59 0.00	39.47 0.53 0.00	30.29 0.61 0.00
SELKIRK___II 23799	32.04 0.30 0.00	28.72 0.39 0.00	16.67 0.35 0.00	17.51 0.40 0.00	19.78 0.42 0.00	31.85 0.35 0.00	36.59 0.32 0.00	47.04 0.50 0.00	33.06 0.42 0.00	28.64 0.36 0.00	28.51 0.31 0.00	29.40 0.33 0.00	27.68 0.29 0.00	26.31 0.28 0.00	21.14 0.23 0.00	25.60 0.33 0.00	29.18 0.30 0.00	36.45 0.31 0.00	37.94 0.37 0.00	66.90 0.59 0.00	134.35 0.57 0.00	50.95 0.42 0.00	39.36 0.43 0.00	30.23 0.56 0.00
SENECA OSWGO___HYD 24041	30.98 -0.75 0.00	27.65 -0.68 0.00	15.97 -0.35 0.00	16.72 -0.39 0.00	18.93 -0.43 0.00	30.83 -0.67 0.00	35.40 -0.87 0.00	45.29 -1.25 0.00	31.82 -0.83 0.00	27.61 -0.67 0.00	27.39 -0.82 0.00	28.13 -0.94 0.00	26.49 -0.89 0.00	25.23 -0.80 0.00	20.27 -0.64 0.00	24.53 -0.74 0.00	28.02 -0.86 0.00	35.14 -1.01 0.00	36.72 -0.85 0.00	64.98 -1.33 0.00	130.87 -2.91 0.00	49.37 -1.16 0.00	38.01 -0.92 0.00	29.08 -0.60 0.00
SENECA___115KV_TB3 355854	29.94 -1.80 0.00	26.70 -1.63 0.00	15.52 -0.80 0.00	16.12 -0.99 0.00	18.21 -1.14 0.00	30.47 -1.03 0.00	35.31 -0.95 0.00	45.01 -1.53 0.00	31.43 -1.22 0.00	26.86 -0.89 0.53	27.23 -0.98 0.00	27.48 -1.27 0.32	26.15 -1.24 0.00	24.92 -1.10 0.00	17.79 -0.82 2.30	14.74 -1.00 9.53	27.36 -1.34 0.17	34.75 -1.39 0.00	36.62 -0.94 0.00	65.16 -1.15 0.00	130.62 -3.16 0.00	48.56 -1.97 0.00	37.11 -1.82 0.00	28.36 -1.32 0.00
SENECA___ENERGY 23797	30.97 -0.76 0.00	27.62 -0.71 0.00	16.00 -0.32 0.00	16.73 -0.38 0.00	18.91 -0.44 0.00	30.96 -0.53 0.00	35.74 -0.53 0.00	45.77 -0.77 0.00	32.09 -0.56 0.00	27.98 -0.42 -0.12	27.56 -0.64 0.00	28.36 -0.78 -0.07	26.59 -0.80 0.00	25.36 -0.66 0.00	20.95 -0.49 -0.53	26.88 -0.54 -2.15	28.25 -0.67 -0.04	35.43 -0.71 0.00	37.23 -0.33 0.00	65.92 -0.39 0.00	132.36 -1.42 0.00	49.78 -0.75 0.00	38.27 -0.67 0.00	29.18 -0.49 0.00
SHOEMAKER___GT 23640	32.75 1.02 0.00	29.29 0.97 0.00	17.01 0.69 0.00	17.89 0.78 0.00	20.25 0.89 0.00	32.61 1.12 0.00	37.53 1.27 0.00	48.26 1.72 0.00	33.90 1.26 0.00	29.50 1.22 0.00	29.57 1.37 0.00	30.59 1.52 0.00	28.82 1.44 0.00	27.31 1.29 0.00	21.90 0.99 0.00	26.46 1.18 0.00	30.17 1.30 0.00	37.81 1.67 0.00	39.16 1.60 0.00	68.91 2.60 0.00	137.68 3.90 0.00	52.24 1.72 0.00	40.52 1.59 0.00	31.06 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	32.75 1.02 0.00	29.29 0.97 0.00	17.01 0.68 0.00	17.88 0.77 0.00	20.25 0.89 0.00	32.62 1.12 0.00	37.54 1.27 0.00	48.28 1.75 0.00	33.92 1.27 0.00	29.51 1.24 0.00	29.60 1.39 0.00	30.61 1.54 0.00	28.85 1.46 0.00	27.34 1.32 0.00	21.94 1.03 0.00	26.50 1.23 0.00	30.22 1.35 0.00	37.84 1.70 0.00	39.19 1.63 0.00	68.93 2.61 0.00	137.74 3.96 0.00	52.25 1.73 0.00	40.54 1.60 0.00	31.07 1.40 0.00
SHOREHAM_IC_1 23715	42.82 3.09 -7.99	31.08 2.75 0.00	20.05 1.74 -1.99	18.99 1.88 0.00	21.52 2.16 0.00	34.75 3.25 0.00	39.70 3.43 0.00	50.93 4.39 0.00	44.34 3.13 -8.56	106.79 3.08 -75.43	44.58 3.53 -12.84	71.23 3.75 -38.41	58.27 3.29 -27.59	29.53 2.99 -0.52	105.39 2.43 -82.05	87.01 2.76 -58.97	208.47 2.92 -176.67	232.68 3.38 -193.15	200.87 2.67 -160.64	175.67 4.56 -104.80	280.02 6.98 -139.26	174.11 3.25 -120.34	216.28 3.23 -174.11	243.71 2.87 -211.17
SHOREHAM_IC_2 23716	42.82 3.09 -7.99	31.08 2.75 0.00	20.05 1.74 -1.99	18.99 1.88 0.00	21.52 2.17 0.00	34.76 3.25 0.00	39.70 3.43 0.00	50.94 4.39 0.00	44.34 3.13 -8.56	106.81 3.10 -75.43	44.57 3.51 -12.84	71.20 3.72 -38.41	58.26 3.29 -27.59	29.53 2.98 -0.52	105.38 2.42 -82.05	87.02 2.77 -58.97	208.47 2.92 -176.67	232.74 3.44 -193.15	200.87 2.67 -160.64	175.68 4.57 -104.80	280.03 6.98 -139.26	174.11 3.25 -120.34	216.27 3.23 -174.11	243.71 2.87 -211.17
SISSONVILLE____ 23735	31.36 -0.37 0.00	27.92 -0.41 0.00	15.90 -0.42 0.00	16.65 -0.46 0.00	18.76 -0.60 0.00	30.86 -0.63 0.00	35.91 -0.36 0.00	46.02 -0.52 0.00	32.08 -0.57 0.00	27.66 -0.62 0.00	27.65 -0.55 0.00	28.58 -0.49 0.00	26.94 -0.45 0.00	25.56 -0.47 0.00	20.48 -0.43 0.00	24.50 -0.77 0.00	27.97 -0.91 0.00	35.03 -1.11 0.00	36.41 -1.15 0.00	64.93 -1.39 0.00	132.78 -1.00 0.00	50.02 -0.50 0.00	38.31 -0.63 0.00	28.86 -0.81 0.00
SITHE_IND_GS1 24169	30.75 -0.98 0.00	27.46 -0.87 0.00	15.86 -0.46 0.00	16.60 -0.51 0.00	18.79 -0.57 0.00	30.60 -0.89 0.00	35.10 -1.17 0.00	44.89 -1.65 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.33 -1.06 0.00	25.05 -0.98 0.00	20.13 -0.77 0.00	24.36 -0.91 0.00	27.81 -1.06 0.00	34.86 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.05 0.00	129.35 -4.43 0.00	48.76 -1.76 0.00	37.57 -1.36 0.00	28.77 -0.91 0.00
SITHE_IND_GS2 24170	30.75 -0.98 0.00	27.46 -0.87 0.00	15.86 -0.46 0.00	16.60 -0.51 0.00	18.79 -0.57 0.00	30.60 -0.89 0.00	35.10 -1.17 0.00	44.89 -1.65 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.33 -1.06 0.00	25.05 -0.98 0.00	20.13 -0.77 0.00	24.36 -0.91 0.00	27.81 -1.06 0.00	34.86 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.05 0.00	129.35 -4.43 0.00	48.76 -1.76 0.00	37.57 -1.36 0.00	28.77 -0.91 0.00
SITHE_IND_GS3 24171	30.75 -0.98 0.00	27.46 -0.87 0.00	15.86 -0.46 0.00	16.60 -0.51 0.00	18.79 -0.57 0.00	30.60 -0.89 0.00	35.10 -1.17 0.00	44.89 -1.65 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.33 -1.06 0.00	25.05 -0.98 0.00	20.13 -0.77 0.00	24.36 -0.91 0.00	27.81 -1.06 0.00	34.86 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.05 0.00	129.35 -4.43 0.00	48.76 -1.76 0.00	37.57 -1.36 0.00	28.77 -0.91 0.00
SITHE_IND_GS4 24172	30.75 -0.98 0.00	27.46 -0.87 0.00	15.86 -0.46 0.00	16.60 -0.51 0.00	18.79 -0.57 0.00	30.60 -0.89 0.00	35.10 -1.17 0.00	44.89 -1.65 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.33 -1.06 0.00	25.05 -0.98 0.00	20.13 -0.77 0.00	24.36 -0.91 0.00	27.81 -1.06 0.00	34.86 -1.28 0.00	36.37 -1.19 0.00	64.27 -2.05 0.00	129.35 -4.43 0.00	48.76 -1.76 0.00	37.57 -1.36 0.00	28.77 -0.91 0.00

SITHE___BATAVIA 24024	30.55 -1.18 0.00	27.26 -1.07 0.00	15.79 -0.53 0.00	16.42 -0.69 0.00	18.56 -0.79 0.00	31.02 -0.48 0.00	35.95 -0.31 0.00	45.88 -0.66 0.00	31.89 -0.76 0.00	27.28 -0.75 0.25	27.27 -0.94 0.00	27.73 -1.19 0.15	26.23 -1.16 0.00	24.99 -1.03 0.00	19.12 -0.70 1.09	19.90 -0.84 4.53	27.54 -1.25 0.08	34.84 -1.30 0.00	36.78 -0.78 0.00	65.91 -0.41 0.00	132.81 -0.97 0.00	49.46 -1.06 0.00	37.75 -1.19 0.00	28.88 -0.79 0.00
SITHE___INDEPEND 23800	30.75 -0.98 0.00	27.46 -0.87 0.00	15.86 -0.47 0.00	16.60 -0.51 0.00	18.79 -0.57 0.00	30.60 -0.90 0.00	35.10 -1.17 0.00	44.89 -1.65 0.00	31.49 -1.15 0.00	27.32 -0.96 0.00	27.19 -1.02 0.00	27.96 -1.11 0.00	26.33 -1.06 0.00	25.05 -0.98 0.00	20.13 -0.77 0.00	24.36 -0.91 0.00	27.82 -1.06 0.00	34.87 -1.28 0.00	36.37 -1.18 0.00	64.27 -2.05 0.00	129.35 -4.43 0.00	48.76 -1.76 0.00	37.57 -1.36 0.00	28.77 -0.91 0.00
SITHE___MASSENA 23902	32.07 0.33 0.00	28.57 0.24 0.00	16.32 0.00 0.00	17.10 -0.01 0.00	19.28 -0.08 0.00	31.62 0.12 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.96 0.31 0.00	28.44 0.16 0.00	28.43 0.22 0.00	29.35 0.29 0.00	27.70 0.31 0.00	26.33 0.31 0.00	21.14 0.23 0.00	25.40 0.12 0.00	28.98 0.10 0.00	36.23 0.09 0.00	37.58 0.02 0.00	66.58 0.27 0.00	135.46 1.68 0.00	50.98 0.45 0.00	39.12 0.18 0.00	29.55 -0.13 0.00
SITHE___OGDNSBRG 24021	32.37 0.63 0.00	28.83 0.50 0.00	16.42 0.10 0.00	17.20 0.09 0.00	19.39 0.04 0.00	31.91 0.41 0.00	37.09 0.83 0.00	47.38 0.84 0.00	32.86 0.22 0.00	28.29 0.01 0.00	28.30 0.09 0.00	29.29 0.22 0.00	27.62 0.24 0.00	26.25 0.23 0.00	21.03 0.12 0.00	25.19 -0.08 0.00	28.74 -0.13 0.00	35.98 -0.16 0.00	37.34 -0.22 0.00	66.74 0.43 0.00	136.96 3.18 0.00	51.70 1.17 0.00	39.57 0.63 0.00	29.79 0.11 0.00
SITHE___STERLING 23777	32.32 0.59 0.00	28.81 0.48 0.00	16.63 0.30 0.00	17.40 0.29 0.00	19.70 0.34 0.00	32.10 0.60 0.00	36.96 0.70 0.00	47.33 0.79 0.00	33.23 0.58 0.00	28.95 0.67 0.00	28.78 0.57 0.00	29.38 0.32 0.00	27.59 0.20 0.00	26.21 0.19 0.00	21.11 0.20 0.00	25.50 0.23 0.00	29.18 0.30 0.00	36.75 0.61 0.00	38.53 0.98 0.00	68.39 2.08 0.00	137.76 3.98 0.00	51.97 1.45 0.00	39.96 1.02 0.00	30.43 0.75 0.00
SLEIGHT__34_KV_TB1 80719	30.69 -1.04 0.00	27.38 -0.95 0.00	15.83 -0.49 0.00	16.54 -0.57 0.00	18.69 -0.66 0.00	30.82 -0.68 0.00	35.55 -0.72 0.00	45.48 -1.06 0.00	31.88 -0.77 0.00	27.65 -0.63 0.00	27.40 -0.81 0.00	28.10 -0.96 0.00	26.42 -0.96 0.00	25.19 -0.83 0.00	20.29 -0.62 0.00	24.51 -0.76 0.00	27.99 -0.88 0.00	35.18 -0.96 0.00	36.95 -0.62 0.00	65.57 -0.74 0.00	131.84 -1.94 0.00	49.37 -1.15 0.00	37.87 -1.07 0.00	28.93 -0.75 0.00
SMITHTWN_69_KV_BK 1 55830	42.43 2.68 -8.02	30.71 2.39 0.00	19.84 1.53 -1.99	18.77 1.66 0.00	21.28 1.93 0.00	34.32 2.82 0.00	39.17 2.90 0.00	50.23 3.69 0.00	48.54 2.66 -13.24	147.61 2.65 -116.68	48.06 3.11 -16.74	88.42 3.32 -56.04	73.81 2.93 -43.48	29.96 2.70 -1.24	150.28 2.22 -127.15	119.16 2.55 -91.35	305.54 2.66 -274.00	338.75 3.06 -299.55	284.82 2.34 -244.92	193.71 3.80 -123.60	311.20 5.39 -172.02	192.76 2.69 -139.54	255.52 2.91 -213.67	281.20 2.62 -248.91
SOUTH CAIRO___GT 23612	33.16 1.43 0.00	29.65 1.32 0.00	17.22 0.89 0.00	18.06 0.95 0.00	20.40 1.05 0.00	32.94 1.44 0.00	37.97 1.70 0.00	48.82 2.28 0.00	34.25 1.60 0.00	29.59 1.31 0.00	29.31 1.10 0.00	30.08 1.01 0.00	28.17 0.78 0.00	26.77 0.75 0.00	21.47 0.56 0.00	25.96 0.69 0.00	29.73 0.85 0.00	37.44 1.30 0.00	39.49 1.93 0.00	70.17 3.85 0.00	140.64 6.85 0.00	53.49 2.97 0.00	41.17 2.24 0.00	31.51 1.83 0.00
SOUTH HAMPTN___IC 23720	43.26 3.54 -7.99	31.46 3.13 0.00	20.27 1.96 -1.99	19.21 2.10 0.00	21.77 2.41 0.00	35.20 3.70 0.00	40.26 3.99 0.00	51.71 5.17 0.00	44.53 3.68 -8.21	104.18 3.58 -72.32	44.79 4.04 -12.55	70.44 4.28 -37.09	57.59 3.82 -26.39	29.93 3.44 -0.46	102.26 2.70 -78.66	84.86 3.05 -56.54	201.40 3.18 -169.35	225.10 3.81 -185.15	195.01 3.03 -154.42	176.18 5.43 -104.44	280.85 9.08 -137.99	174.62 3.92 -120.17	215.17 3.57 -172.66	243.24 3.11 -210.46
SOUTHDOW_115KV_TB1 355954	30.46 -1.28 0.00	27.09 -1.24 0.00	15.84 -0.48 0.00	16.50 -0.61 0.00	18.68 -0.68 0.00	31.47 -0.03 0.00	36.40 0.13 0.00	46.65 0.11 0.00	32.40 -0.25 0.00	28.07 0.08 0.30	28.42 0.21 0.00	28.90 0.01 0.18	27.29 -0.10 0.00	26.01 -0.02 0.00	19.51 -0.11 1.29	19.81 -0.13 5.33	28.45 -0.33 0.10	36.36 0.22 0.00	38.30 0.74 0.00	68.05 1.74 0.00	136.05 2.27 0.00	50.54 0.01 0.00	38.35 -0.59 0.00	28.97 -0.70 0.00
SOUTHOLD_69_KV_BK 2 55809	43.61 3.89 -7.99	31.75 3.42 0.00	20.44 2.13 -1.99	19.39 2.28 0.00	21.95 2.59 0.00	35.57 4.07 0.00	40.68 4.42 0.00	52.32 5.78 0.00	44.98 4.12 -8.21	104.61 3.98 -72.35	45.18 4.41 -12.55	70.83 4.66 -37.10	57.97 4.19 -26.40	30.23 3.74 -0.46	102.45 2.86 -78.69	84.98 3.15 -56.56	201.09 2.81 -169.40	224.91 3.56 -185.21	194.66 2.63 -154.47	176.68 5.96 -104.40	282.28 10.53 -137.96	174.99 4.34 -120.13	214.66 3.10 -172.62	242.85 2.79 -210.39
SOUTHOLD___IC 23719	43.61 3.89 -7.99	31.75 3.42 0.00	20.44 2.13 -1.99	19.39 2.28 0.00	21.95 2.59 0.00	35.56 4.06 0.00	40.68 4.41 0.00	52.31 5.76 0.00	44.98 4.12 -8.21	104.59 3.96 -72.35	45.19 4.43 -12.55	70.85 4.68 -37.10	57.98 4.20 -26.40	30.24 3.75 -0.46	102.46 2.86 -78.69	84.98 3.14 -56.56	201.09 2.81 -169.40	224.84 3.49 -185.21	194.66 2.63 -154.47	176.68 5.96 -104.40	282.28 10.53 -137.96	174.98 4.33 -120.13	214.66 3.10 -172.62	242.85 2.79 -210.39
SOUTH_FORK_WT_PWR 323839	43.72 4.00 -7.99	31.83 3.50 0.00	20.48 2.17 -1.99	19.44 2.33 0.00	21.99 2.63 0.00	35.67 4.17 0.00	40.80 4.54 0.00	52.49 5.95 0.00	45.10 4.25 -8.21	104.71 4.10 -72.33	45.31 4.55 -12.55	70.98 4.82 -37.09	58.09 4.31 -26.39	30.30 3.82 -0.46	102.43 2.85 -78.67	84.93 3.11 -56.55	201.34 3.09 -169.37	225.22 3.90 -185.18	194.91 2.91 -154.44	176.51 5.78 -104.42	282.27 10.50 -137.98	174.97 4.30 -120.15	215.07 3.48 -172.64	243.17 3.06 -210.42
SPIERFLS_115KV_TB 1 80737	32.97 1.23 0.00	29.43 1.11 0.00	17.09 0.77 0.00	17.93 0.82 0.00	20.28 0.92 0.00	32.69 1.19 0.00	37.73 1.46 0.00	48.75 2.21 0.00	34.08 1.43 0.00	29.27 0.99 0.00	28.99 0.78 0.00	29.96 0.89 0.00	28.13 0.74 0.00	26.69 0.67 0.00	21.39 0.49 0.00	26.19 0.92 0.00	30.08 1.20 0.00	37.68 1.54 0.00	39.37 1.81 0.00	69.97 3.66 0.00	140.76 6.98 0.00	53.16 2.64 0.00	40.87 1.93 0.00	31.24 1.56 0.00
ST LAWRENCE____ 23600	31.86 0.12 0.00	28.40 0.07 0.00	16.24 -0.08 0.00	17.01 -0.10 0.00	19.20 -0.16 0.00	31.46 -0.04 0.00	36.35 0.08 0.00	46.68 0.14 0.00	32.69 0.05 0.00	28.22 -0.06 0.00	28.20 -0.01 0.00	29.11 0.04 0.00	27.48 0.09 0.00	26.12 0.09 0.00	20.98 0.07 0.00	25.24 -0.04 0.00	28.92 0.04 0.00	36.15 0.01 0.00	37.46 -0.10 0.00	66.21 -0.10 0.00	134.58 0.79 0.00	50.63 0.10 0.00	38.87 -0.07 0.00	29.38 -0.29 0.00

STATE_CA_115KV_115_LB 55624	32.09 0.35 0.00	28.78 0.46 0.00	16.73 0.41 0.00	17.57 0.45 0.00	19.84 0.48 0.00	31.88 0.38 0.00	36.64 0.37 0.00	47.11 0.57 0.00	33.16 0.51 0.00	28.70 0.41 0.00	28.55 0.34 0.00	29.45 0.38 0.00	27.74 0.35 0.00	26.37 0.35 0.00	21.19 0.28 0.00	25.71 0.44 0.00	29.32 0.44 0.00	36.62 0.48 0.00	38.12 0.56 0.00	67.18 0.87 0.00	134.77 0.99 0.00	51.09 0.57 0.00	39.45 0.52 0.00	30.32 0.65 0.00
STATE_ST_34_KV_LOAD 55959	31.52 -0.22 0.00	28.13 -0.20 0.00	16.28 -0.04 0.00	17.04 -0.07 0.00	19.22 -0.14 0.00	31.46 -0.05 0.00	36.22 -0.05 0.00	46.18 -0.36 0.00	32.43 -0.22 0.00	28.22 -0.05 0.00	27.88 -0.33 0.00	28.60 -0.46 0.00	26.83 -0.56 0.00	25.61 -0.42 0.00	20.62 -0.29 0.00	24.96 -0.31 0.00	28.51 -0.37 0.00	35.78 -0.36 0.00	37.62 0.06 0.00	66.60 0.29 0.00	133.96 0.18 0.00	50.45 -0.07 0.00	38.83 -0.11 0.00	29.65 -0.03 0.00
STATION_5_MISC_HYD 23604	30.56 -1.17 0.00	27.28 -1.05 0.00	15.78 -0.54 0.00	16.45 -0.66 0.00	18.60 -0.76 0.00	30.81 -0.69 0.00	35.58 -0.69 0.00	45.48 -1.06 0.00	31.80 -0.85 0.00	27.60 -0.68 0.00	27.46 -0.74 0.00	28.16 -0.91 0.00	26.52 -0.86 0.00	25.25 -0.78 0.00	20.36 -0.55 0.00	24.59 -0.69 0.00	28.01 -0.87 0.00	35.21 -0.94 0.00	36.99 -0.57 0.00	65.62 -0.69 0.00	131.80 -1.98 0.00	49.24 -1.29 0.00	37.70 -1.24 0.00	28.82 -0.86 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.78 -0.95 0.00	27.46 -0.87 0.00	15.89 -0.43 0.00	16.59 -0.52 0.00	18.77 -0.59 0.00	30.91 -0.59 0.00	35.70 -0.57 0.00	45.71 -0.83 0.00	31.99 -0.66 0.00	27.75 -0.53 0.00	27.52 -0.69 0.00	28.21 -0.86 0.00	26.55 -0.83 0.00	25.30 -0.72 0.00	20.38 -0.53 0.00	24.63 -0.64 0.00	28.13 -0.75 0.00	35.35 -0.79 0.00	37.14 -0.43 0.00	65.85 -0.46 0.00	132.22 -1.56 0.00	49.53 -0.99 0.00	38.01 -0.93 0.00	29.02 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.43 -1.30 0.00	27.16 -1.17 0.00	15.70 -0.62 0.00	16.38 -0.72 0.00	18.52 -0.83 0.00	30.65 -0.84 0.00	35.39 -0.88 0.00	45.26 -1.28 0.00	31.66 -0.99 0.00	27.48 -0.80 0.00	27.33 -0.88 0.00	28.04 -1.03 0.00	26.40 -0.98 0.00	25.15 -0.88 0.00	20.26 -0.65 0.00	24.47 -0.80 0.00	27.91 -0.96 0.00	35.08 -1.06 0.00	36.83 -0.73 0.00	65.34 -0.97 0.00	131.19 -2.59 0.00	49.01 -1.52 0.00	37.54 -1.40 0.00	28.70 -0.97 0.00
STA_56___34_KV_BUS2 355983	30.43 -1.30 0.00	27.16 -1.17 0.00	15.70 -0.62 0.00	16.38 -0.72 0.00	18.52 -0.83 0.00	30.65 -0.84 0.00	35.39 -0.88 0.00	45.26 -1.28 0.00	31.66 -0.99 0.00	27.48 -0.80 0.00	27.33 -0.88 0.00	28.04 -1.03 0.00	26.40 -0.98 0.00	25.15 -0.88 0.00	20.26 -0.65 0.00	24.47 -0.80 0.00	27.91 -0.96 0.00	35.08 -1.06 0.00	36.83 -0.73 0.00	65.34 -0.97 0.00	131.19 -2.59 0.00	49.01 -1.52 0.00	37.54 -1.40 0.00	28.70 -0.97 0.00
STA_67___115KV_BK2 355882	30.49 -1.24 0.00	27.22 -1.11 0.00	15.75 -0.58 0.00	16.42 -0.69 0.00	18.55 -0.80 0.00	30.75 -0.75 0.00	35.49 -0.77 0.00	45.38 -1.16 0.00	31.72 -0.92 0.00	27.54 -0.74 0.00	27.39 -0.82 0.00	28.09 -0.98 0.00	26.45 -0.94 0.00	25.18 -0.84 0.00	20.30 -0.61 0.00	24.50 -0.77 0.00	27.94 -0.93 0.00	35.11 -1.03 0.00	36.87 -0.70 0.00	65.42 -0.90 0.00	131.40 -2.38 0.00	49.08 -1.45 0.00	37.60 -1.34 0.00	28.76 -0.92 0.00
STA_7___115KV_9TRANS 80674	30.71 -1.03 0.00	27.40 -0.93 0.00	15.85 -0.48 0.00	16.52 -0.59 0.00	18.68 -0.67 0.00	30.95 -0.54 0.00	35.74 -0.53 0.00	45.71 -0.83 0.00	31.96 -0.69 0.00	27.75 -0.53 0.00	27.61 -0.60 0.00	28.32 -0.75 0.00	26.66 -0.72 0.00	25.39 -0.63 0.00	20.47 -0.44 0.00	24.72 -0.56 0.00	28.20 -0.68 0.00	35.46 -0.69 0.00	37.24 -0.32 0.00	66.09 -0.22 0.00	132.70 -1.08 0.00	49.53 -0.99 0.00	37.92 -1.02 0.00	28.98 -0.70 0.00
STA_82___115KV_TB1 80780	30.50 -1.24 0.00	27.22 -1.10 0.00	15.75 -0.57 0.00	16.42 -0.69 0.00	18.56 -0.79 0.00	30.75 -0.75 0.00	35.50 -0.76 0.00	45.39 -1.15 0.00	31.74 -0.91 0.00	27.54 -0.74 0.00	27.39 -0.82 0.00	28.09 -0.98 0.00	26.45 -0.94 0.00	25.18 -0.84 0.00	20.30 -0.61 0.00	24.50 -0.77 0.00	27.94 -0.93 0.00	35.11 -1.03 0.00	36.87 -0.69 0.00	65.42 -0.89 0.00	131.51 -2.28 0.00	49.10 -1.42 0.00	37.60 -1.33 0.00	28.77 -0.91 0.00
STEEL___WIND 323596	29.91 -1.83 0.00	26.66 -1.66 0.00	15.50 -0.83 0.00	16.10 -1.01 0.00	18.19 -1.16 0.00	30.44 -1.06 0.00	35.28 -0.99 0.00	44.96 -1.59 0.00	31.40 -1.24 0.00	26.81 -0.95 0.53	27.18 -1.03 0.00	27.43 -1.32 0.32	26.09 -1.29 0.00	24.86 -1.16 0.00	17.75 -0.86 2.30	14.71 -1.03 9.53	27.30 -1.40 0.17	34.68 -1.47 0.00	36.58 -0.98 0.00	65.10 -1.21 0.00	130.50 -3.28 0.00	48.54 -1.99 0.00	37.08 -1.86 0.00	28.33 -1.35 0.00
STEPHTWN_115KV_BK_2 55603	32.27 0.54 0.00	28.92 0.59 0.00	16.82 0.50 0.00	17.64 0.53 0.00	19.97 0.62 0.00	32.21 0.71 0.00	36.99 0.73 0.00	47.55 1.01 0.00	33.40 0.76 0.00	28.88 0.60 0.00	28.76 0.55 0.00	29.79 0.72 0.00	27.98 0.59 0.00	26.53 0.51 0.00	21.30 0.39 0.00	25.92 0.65 0.00	29.52 0.64 0.00	36.91 0.77 0.00	38.49 0.93 0.00	67.91 1.60 0.00	136.01 2.22 0.00	51.50 0.98 0.00	39.72 0.78 0.00	30.53 0.85 0.00
STEUBEN_REC_LFGE 323667	30.24 -1.50 0.00	26.79 -1.54 0.00	15.64 -0.68 0.00	16.35 -0.76 0.00	18.48 -0.88 0.00	30.60 -0.89 0.00	35.74 -0.52 0.00	45.71 -0.83 0.00	31.79 -0.86 0.00	28.58 -0.85 -1.16	26.96 -1.25 0.00	28.17 -1.60 -0.70	25.90 -1.49 0.00	24.79 -1.23 0.00	24.93 -1.02 -5.04	44.87 -1.16 -20.76	28.11 -1.14 -0.37	35.13 -1.02 0.00	37.26 -0.30 0.00	66.84 0.53 0.00	134.61 0.83 0.00	50.28 -0.25 0.00	38.36 -0.58 0.00	28.91 -0.77 0.00
STILLWATER___SOLAR 323814	32.85 1.11 0.00	29.36 1.04 0.00	17.03 0.71 0.00	17.87 0.76 0.00	20.22 0.87 0.00	32.61 1.11 0.00	37.53 1.26 0.00	48.35 1.81 0.00	33.83 1.19 0.00	29.14 0.86 0.00	28.93 0.72 0.00	29.81 0.75 0.00	28.03 0.64 0.00	26.62 0.59 0.00	21.35 0.45 0.00	26.02 0.75 0.00	29.82 0.94 0.00	37.38 1.24 0.00	39.04 1.48 0.00	69.20 2.89 0.00	139.15 5.37 0.00	52.63 2.10 0.00	40.52 1.59 0.00	31.04 1.37 0.00
STONY___BROOK 24151	42.46 2.71 -8.01	30.76 2.43 0.00	19.87 1.56 -1.99	18.79 1.68 0.00	21.31 1.96 0.00	34.36 2.86 0.00	39.23 2.97 0.00	50.31 3.77 0.00	45.85 2.71 -10.50	123.48 2.68 -92.51	45.82 3.16 -14.46	78.15 3.37 -45.71	64.54 2.98 -34.17	29.58 2.74 -0.81	123.89 2.25 -100.73	100.22 2.57 -72.38	248.55 2.70 -216.98	276.40 3.04 -237.22	235.48 2.37 -195.55	181.63 3.81 -111.51	290.83 5.40 -151.65	180.21 2.69 -126.99	230.87 2.95 -188.98	256.96 2.66 -224.62
STURGEON_POOL_HYD 23609	33.20 1.47 0.00	29.70 1.38 0.00	17.25 0.93 0.00	18.16 1.05 0.00	20.57 1.22 0.00	33.09 1.59 0.00	38.10 1.83 0.00	49.12 2.58 0.00	34.53 1.89 0.00	30.11 1.83 0.00	30.26 2.05 0.00	31.31 2.25 0.00	29.54 2.15 0.00	27.99 1.96 0.00	22.48 1.57 0.00	27.12 1.85 0.00	30.88 2.01 0.00	38.67 2.53 0.00	39.96 2.40 0.00	70.18 3.87 0.00	139.90 6.12 0.00	53.13 2.60 0.00	41.25 2.32 0.00	31.62 1.95 0.00

ST_LAW_115_BK7_LBMP 345037	31.85 0.12 0.00	28.39 0.06 0.00	16.22 -0.10 0.00	17.00 -0.11 0.00	19.17 -0.18 0.00	31.42 -0.08 0.00	36.34 0.08 0.00	46.67 0.13 0.00	32.66 0.02 0.00	28.19 -0.09 0.00	28.18 -0.03 0.00	29.10 0.03 0.00	27.46 0.07 0.00	26.11 0.08 0.00	20.96 0.06 0.00	25.21 -0.06 0.00	28.87 0.00 0.00	36.09 -0.05 0.00	37.42 -0.14 0.00	66.15 -0.16 0.00	134.51 0.73 0.00	50.61 0.08 0.00	38.85 -0.09 0.00	29.36 -0.32 0.00
ST_LAW_115_BK8_LBMP 345038	31.85 0.12 0.00	28.39 0.06 0.00	16.22 -0.10 0.00	17.00 -0.11 0.00	19.17 -0.18 0.00	31.42 -0.08 0.00	36.34 0.08 0.00	46.67 0.13 0.00	32.66 0.02 0.00	28.19 -0.09 0.00	28.18 -0.03 0.00	29.10 0.03 0.00	27.46 0.07 0.00	26.11 0.08 0.00	20.96 0.06 0.00	25.21 -0.06 0.00	28.87 0.00 0.00	36.09 -0.05 0.00	37.42 -0.14 0.00	66.15 -0.16 0.00	134.51 0.73 0.00	50.61 0.08 0.00	38.85 -0.09 0.00	29.36 -0.32 0.00
ST_LAW_230_BK5_LBMP 345035	31.86 0.12 0.00	28.40 0.07 0.00	16.24 -0.08 0.00	17.01 -0.10 0.00	19.20 -0.16 0.00	31.46 -0.04 0.00	36.35 0.08 0.00	46.68 0.14 0.00	32.69 0.05 0.00	28.22 -0.06 0.00	28.20 -0.01 0.00	29.11 0.04 0.00	27.48 0.09 0.00	26.12 0.09 0.00	20.98 0.07 0.00	25.24 -0.04 0.00	28.92 0.04 0.00	36.15 0.01 0.00	37.46 -0.10 0.00	66.21 -0.10 0.00	134.58 0.79 0.00	50.63 0.10 0.00	38.87 -0.07 0.00	29.38 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	31.86 0.12 0.00	28.40 0.07 0.00	16.24 -0.08 0.00	17.01 -0.10 0.00	19.20 -0.16 0.00	31.46 -0.04 0.00	36.35 0.08 0.00	46.68 0.14 0.00	32.69 0.05 0.00	28.22 -0.06 0.00	28.20 -0.01 0.00	29.11 0.04 0.00	27.48 0.09 0.00	26.12 0.09 0.00	20.98 0.07 0.00	25.24 -0.04 0.00	28.92 0.04 0.00	36.15 0.01 0.00	37.46 -0.10 0.00	66.21 -0.10 0.00	134.58 0.79 0.00	50.63 0.10 0.00	38.87 -0.07 0.00	29.38 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.86 1.13 0.00	29.41 1.08 0.00	17.07 0.75 0.00	17.96 0.86 0.00	20.35 0.99 0.00	32.76 1.26 0.00	37.71 1.45 0.00	48.57 2.03 0.00	34.12 1.48 0.00	29.72 1.44 0.00	29.84 1.63 0.00	30.86 1.80 0.00	29.09 1.71 0.00	27.57 1.55 0.00	22.16 1.25 0.00	26.78 1.50 0.00	30.51 1.64 0.00	38.19 2.05 0.00	39.49 1.93 0.00	69.40 3.08 0.00	138.46 4.68 0.00	52.53 2.01 0.00	40.79 1.85 0.00	31.27 1.60 0.00
SWANROAD_115KV_TB1 355699	28.98 -2.76 0.00	25.90 -2.43 0.00	15.04 -1.28 0.00	15.61 -1.50 0.00	17.63 -1.72 0.00	29.58 -1.92 0.00	34.17 -2.09 0.00	43.41 -3.14 0.00	30.28 -2.36 0.00	26.06 -1.83 0.40	26.25 -1.96 0.00	26.57 -2.25 0.24	25.20 -2.18 0.00	24.01 -2.01 0.00	17.76 -1.41 1.74	16.40 -1.65 7.22	26.39 -2.36 0.13	33.33 -2.81 0.00	35.12 -2.44 0.00	62.45 -3.86 0.00	125.51 -8.27 0.00	46.62 -3.91 0.00	35.70 -3.24 0.00	27.43 -2.25 0.00
SYNERGY___BIOGAS 323694	30.55 -1.19 0.00	27.26 -1.07 0.00	15.79 -0.53 0.00	16.41 -0.70 0.00	18.56 -0.79 0.00	31.02 -0.48 0.00	35.95 -0.31 0.00	45.88 -0.66 0.00	31.88 -0.76 0.00	27.28 -0.74 0.25	27.27 -0.94 0.00	27.72 -1.20 0.15	26.23 -1.15 0.00	24.99 -1.04 0.00	19.11 -0.71 1.09	19.88 -0.86 4.53	27.55 -1.25 0.08	34.85 -1.29 0.00	36.78 -0.78 0.00	65.91 -0.41 0.00	132.80 -0.98 0.00	49.45 -1.07 0.00	37.75 -1.19 0.00	28.89 -0.79 0.00
SYRACUSE___ENERGY_ST1 323597	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	31.41 -0.33 0.00	28.03 -0.30 0.00	16.20 -0.13 0.00	16.96 -0.15 0.00	19.19 -0.17 0.00	31.28 -0.22 0.00	35.94 -0.33 0.00	45.98 -0.57 0.00	32.30 -0.35 0.00	28.06 -0.22 0.00	27.82 -0.39 0.00	28.58 -0.49 0.00	26.89 -0.50 0.00	25.61 -0.41 0.00	20.61 -0.30 0.00	24.96 -0.31 0.00	28.53 -0.35 0.00	35.77 -0.37 0.00	37.41 -0.16 0.00	66.13 -0.18 0.00	133.03 -0.75 0.00	50.13 -0.40 0.00	38.58 -0.35 0.00	29.49 -0.19 0.00
SYRACUSE___POWER 24017	31.48 -0.25 0.00	28.09 -0.24 0.00	16.25 -0.07 0.00	17.01 -0.10 0.00	19.25 -0.10 0.00	31.36 -0.14 0.00	36.06 -0.21 0.00	46.18 -0.36 0.00	32.44 -0.21 0.00	28.20 -0.08 0.00	27.96 -0.24 0.00	28.70 -0.37 0.00	27.04 -0.35 0.00	25.73 -0.30 0.00	20.70 -0.21 0.00	25.08 -0.19 0.00	28.66 -0.21 0.00	35.98 -0.16 0.00	37.60 0.04 0.00	66.43 0.12 0.00	133.58 -0.20 0.00	50.32 -0.20 0.00	38.74 -0.20 0.00	29.60 -0.08 0.00
TALLMAN__138KV_BK151 55660	32.98 1.25 0.00	29.52 1.19 0.00	17.14 0.82 0.00	18.05 0.94 0.00	20.46 1.11 0.00	32.92 1.42 0.00	37.90 1.63 0.00	48.85 2.30 0.00	34.31 1.66 0.00	29.89 1.61 0.00	30.06 1.85 0.00	31.09 2.03 0.00	29.31 1.92 0.00	27.77 1.75 0.00	22.34 1.43 0.00	27.00 1.73 0.00	30.75 1.88 0.00	38.48 2.34 0.00	39.75 2.18 0.00	69.79 3.48 0.00	139.04 5.25 0.00	52.78 2.26 0.00	41.05 2.11 0.00	31.48 1.80 0.00
TEALLAVE_115KV_TB7 355573	31.36 -0.38 0.00	27.98 -0.34 0.00	16.18 -0.14 0.00	16.94 -0.18 0.00	19.17 -0.19 0.00	31.24 -0.26 0.00	35.90 -0.37 0.00	45.99 -0.55 0.00	32.29 -0.36 0.00	28.06 -0.22 0.00	27.87 -0.34 0.00	28.61 -0.46 0.00	26.95 -0.44 0.00	25.64 -0.38 0.00	20.63 -0.28 0.00	24.99 -0.28 0.00	28.55 -0.32 0.00	35.82 -0.32 0.00	37.42 -0.14 0.00	66.13 -0.18 0.00	132.94 -0.84 0.00	50.09 -0.43 0.00	38.56 -0.38 0.00	29.47 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	29.79 -1.94 0.00	26.61 -1.72 0.00	15.43 -0.89 0.00	16.03 -1.08 0.00	18.12 -1.24 0.00	30.32 -1.17 0.00	35.09 -1.18 0.00	44.68 -1.86 0.00	31.12 -1.52 0.00	26.73 -1.22 0.33	26.87 -1.34 0.00	27.24 -1.63 0.20	25.81 -1.57 0.00	24.61 -1.42 0.00	18.48 -0.99 1.44	18.13 -1.20 5.95	27.08 -1.69 0.11	34.20 -1.94 0.00	36.06 -1.49 0.00	64.32 -1.99 0.00	129.34 -4.44 0.00	48.10 -2.43 0.00	36.78 -2.16 0.00	28.19 -1.49 0.00
TEMPLE___115KV_TB 2 55572	31.37 -0.37 0.00	27.99 -0.34 0.00	16.19 -0.13 0.00	16.95 -0.16 0.00	19.18 -0.17 0.00	31.25 -0.25 0.00	35.92 -0.35 0.00	46.01 -0.53 0.00	32.32 -0.33 0.00	28.08 -0.20 0.00	27.88 -0.33 0.00	28.63 -0.43 0.00	26.97 -0.42 0.00	25.66 -0.36 0.00	20.65 -0.26 0.00	25.01 -0.26 0.00	28.58 -0.30 0.00	35.85 -0.29 0.00	37.45 -0.11 0.00	66.16 -0.15 0.00	132.95 -0.83 0.00	50.10 -0.42 0.00	38.57 -0.37 0.00	29.49 -0.19 0.00
TIANA____69_KV_BK 1 55817	43.14 3.42 -7.99	31.35 3.02 0.00	20.21 1.90 -1.99	19.15 2.04 0.00	21.70 2.34 0.00	35.09 3.59 0.00	40.10 3.84 0.00	51.49 4.95 0.00	44.38 3.53 -8.21	104.09 3.47 -72.34	44.64 3.88 -12.55	70.29 4.12 -37.10	57.46 3.67 -26.40	29.80 3.31 -0.46	102.22 2.62 -78.68	84.82 3.00 -56.55	201.40 3.12 -169.40	225.13 3.78 -185.21	194.99 2.97 -154.47	175.97 5.26 -104.41	280.36 8.62 -137.97	174.43 3.78 -120.13	215.06 3.50 -172.62	243.12 3.06 -210.39

TILDEN___115KV_TB1 80814	31.48 -0.25 0.00	28.09 -0.24 0.00	16.25 -0.07 0.00	17.01 -0.10 0.00	19.25 -0.10 0.00	31.36 -0.14 0.00	36.06 -0.21 0.00	46.18 -0.36 0.00	32.44 -0.21 0.00	28.20 -0.08 0.00	27.96 -0.24 0.00	28.70 -0.37 0.00	27.04 -0.35 0.00	25.73 -0.30 0.00	20.70 -0.21 0.00	25.08 -0.19 0.00	28.66 -0.21 0.00	35.98 -0.16 0.00	37.60 0.04 0.00	66.43 0.12 0.00	133.58 -0.20 0.00	50.32 -0.20 0.00	38.74 -0.20 0.00	29.60 -0.08 0.00
TRIGEN___CC 323695	46.55 2.04 -12.78	30.19 1.86 0.00	19.25 1.19 -1.74	18.42 1.31 0.00	20.90 1.54 0.00	33.64 2.14 0.00	38.51 2.25 0.00	49.53 2.99 0.00	34.85 2.21 0.00	30.48 2.26 0.06	35.86 2.56 -5.10	37.34 2.76 -5.52	28.44 2.55 1.50	27.59 2.37 0.80	22.36 1.91 0.46	27.24 2.22 0.25	29.79 2.30 1.39	37.27 2.63 1.50	39.61 2.05 0.00	69.56 3.25 0.00	138.01 4.23 0.00	52.76 2.24 0.00	41.29 2.35 0.00	31.76 2.09 0.00
TRINITY___115KV__4 BK 55933	31.96 0.23 0.00	28.67 0.34 0.00	16.67 0.35 0.00	17.50 0.39 0.00	19.76 0.41 0.00	31.76 0.26 0.00	36.48 0.22 0.00	46.91 0.37 0.00	33.01 0.36 0.00	28.56 0.28 0.00	28.41 0.20 0.00	29.31 0.23 0.00	27.59 0.21 0.00	26.22 0.20 0.00	21.07 0.17 0.00	25.57 0.29 0.00	29.14 0.26 0.00	36.38 0.23 0.00	37.88 0.32 0.00	66.77 0.46 0.00	133.97 0.19 0.00	50.81 0.29 0.00	39.26 0.32 0.00	30.20 0.53 0.00
UNION___PROCESSING_DRP 323587	30.50 -1.23 0.00	27.23 -1.10 0.00	15.75 -0.57 0.00	16.42 -0.69 0.00	18.57 -0.78 0.00	30.76 -0.74 0.00	35.51 -0.76 0.00	45.40 -1.14 0.00	31.74 -0.91 0.00	27.55 -0.73 0.00	27.39 -0.81 0.00	28.09 -0.98 0.00	26.45 -0.93 0.00	25.19 -0.84 0.00	20.30 -0.61 0.00	24.51 -0.77 0.00	27.94 -0.93 0.00	35.11 -1.03 0.00	36.88 -0.68 0.00	65.44 -0.88 0.00	131.51 -2.28 0.00	49.11 -1.41 0.00	37.62 -1.32 0.00	28.77 -0.91 0.00
UPPER HUDSON___HYD 24058	32.97 1.23 0.00	29.44 1.11 0.00	17.09 0.77 0.00	17.93 0.82 0.00	20.28 0.92 0.00	32.69 1.19 0.00	37.73 1.46 0.00	48.75 2.21 0.00	34.08 1.43 0.00	29.27 0.99 0.00	28.99 0.78 0.00	29.96 0.89 0.00	28.13 0.74 0.00	26.69 0.67 0.00	21.39 0.49 0.00	26.19 0.91 0.00	30.08 1.20 0.00	37.68 1.53 0.00	39.37 1.81 0.00	69.97 3.66 0.00	140.76 6.98 0.00	53.16 2.64 0.00	40.87 1.93 0.00	31.24 1.56 0.00
UPPER RAQUET___HYD 24056	31.37 -0.37 0.00	27.92 -0.41 0.00	15.91 -0.42 0.00	16.64 -0.46 0.00	18.76 -0.60 0.00	30.86 -0.63 0.00	35.91 -0.36 0.00	46.02 -0.51 0.00	32.08 -0.57 0.00	27.66 -0.62 0.00	27.65 -0.55 0.00	28.58 -0.49 0.00	26.94 -0.45 0.00	25.56 -0.47 0.00	20.48 -0.43 0.00	24.49 -0.78 0.00	27.97 -0.91 0.00	35.03 -1.11 0.00	36.41 -1.15 0.00	64.93 -1.39 0.00	132.78 -1.01 0.00	50.02 -0.50 0.00	38.31 -0.63 0.00	28.87 -0.81 0.00
VALLEY44_115KV_TB2 355964	30.63 -1.11 0.00	27.40 -0.93 0.00	16.00 -0.33 0.00	16.67 -0.44 0.00	18.91 -0.44 0.00	31.27 -0.23 0.00	36.20 -0.07 0.00	46.30 -0.24 0.00	32.33 -0.32 0.00	28.00 -0.06 0.22	28.05 -0.16 0.00	28.45 -0.48 0.14	26.73 -0.65 0.00	25.47 -0.55 0.00	19.55 -0.38 0.98	20.86 -0.35 4.06	28.09 -0.72 0.07	35.47 -0.67 0.00	37.23 -0.34 0.00	66.14 -0.18 0.00	132.35 -1.43 0.00	49.32 -1.20 0.00	37.92 -1.02 0.00	28.99 -0.69 0.00
VALLEY___115KV_TB 1-4 80826	31.78 0.04 0.00	28.36 0.04 0.00	16.45 0.13 0.00	17.28 0.17 0.00	19.60 0.25 0.00	31.58 0.08 0.00	36.25 -0.01 0.00	46.58 0.04 0.00	32.57 -0.07 0.00	28.22 -0.06 0.00	27.95 -0.26 0.00	28.79 -0.27 0.00	27.08 -0.31 0.00	25.66 -0.36 0.00	20.62 -0.28 0.00	25.03 -0.24 0.00	28.64 -0.24 0.00	36.02 -0.13 0.00	37.73 0.17 0.00	66.98 0.67 0.00	134.49 0.71 0.00	50.81 0.28 0.00	39.29 0.35 0.00	30.09 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.63 0.90 0.00	29.15 0.82 0.00	16.89 0.56 0.00	17.71 0.59 0.00	20.07 0.71 0.00	32.56 1.06 0.00	37.50 1.24 0.00	48.09 1.55 0.00	33.81 1.17 0.00	29.39 1.12 0.00	29.34 1.13 0.00	30.24 1.17 0.00	28.44 1.06 0.00	27.02 0.99 0.00	21.69 0.78 0.00	26.24 0.96 0.00	29.97 1.10 0.00	37.59 1.45 0.00	39.19 1.63 0.00	69.10 2.78 0.00	138.56 4.78 0.00	52.35 1.82 0.00	40.39 1.45 0.00	30.83 1.16 0.00
VISCHER___FERRY HYD 24020	32.47 0.73 0.00	29.05 0.73 0.00	16.86 0.54 0.00	17.69 0.58 0.00	20.00 0.65 0.00	32.21 0.71 0.00	37.01 0.74 0.00	47.69 1.15 0.00	33.42 0.78 0.00	28.82 0.54 0.00	28.60 0.40 0.00	29.48 0.42 0.00	27.73 0.35 0.00	26.35 0.32 0.00	21.16 0.25 0.00	25.74 0.47 0.00	29.39 0.52 0.00	36.74 0.60 0.00	38.32 0.77 0.00	67.78 1.47 0.00	136.28 2.50 0.00	51.62 1.09 0.00	39.83 0.90 0.00	30.59 0.92 0.00
V_A_10_SYNC_DSASP 323832	29.69 -2.04 0.00	26.54 -1.79 0.00	15.39 -0.94 0.00	16.01 -1.10 0.00	18.09 -1.27 0.00	30.17 -1.33 0.00	34.86 -1.41 0.00	44.41 -2.13 0.00	31.05 -1.60 0.00	26.77 -1.25 0.26	26.89 -1.32 0.00	27.31 -1.60 0.16	25.84 -1.54 0.00	24.62 -1.40 0.00	18.74 -1.03 1.13	19.26 -1.31 4.70	27.13 -1.66 0.08	34.20 -1.94 0.00	36.00 -1.56 0.00	63.88 -2.44 0.00	128.22 -5.56 0.00	47.74 -2.78 0.00	36.58 -2.36 0.00	28.06 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	32.00 0.26 0.00	28.53 0.20 0.00	16.30 -0.02 0.00	17.08 -0.03 0.00	19.26 -0.09 0.00	31.58 0.08 0.00	36.53 0.26 0.00	46.90 0.36 0.00	32.82 0.18 0.00	28.35 0.07 0.00	28.33 0.12 0.00	29.25 0.18 0.00	27.61 0.22 0.00	26.24 0.22 0.00	21.07 0.17 0.00	25.35 0.07 0.00	29.03 0.15 0.00	36.28 0.14 0.00	37.62 0.06 0.00	66.50 0.18 0.00	135.20 1.42 0.00	50.84 0.31 0.00	39.04 0.11 0.00	29.51 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	32.51 0.78 0.00	28.97 0.64 0.00	16.62 0.30 0.00	17.40 0.29 0.00	19.62 0.26 0.00	32.10 0.60 0.00	37.11 0.85 0.00	47.79 1.25 0.00	33.41 0.77 0.00	28.68 0.40 0.00	28.66 0.46 0.00	29.61 0.54 0.00	27.96 0.57 0.00	26.56 0.53 0.00	21.31 0.40 0.00	25.57 0.29 0.00	29.66 0.79 0.00	36.94 0.80 0.00	38.37 0.81 0.00	67.80 1.49 0.00	137.36 3.57 0.00	51.62 1.09 0.00	39.53 0.59 0.00	29.84 0.17 0.00
V_D_10_SYNC_DSASP 323841	32.07 0.33 0.00	28.58 0.25 0.00	16.32 0.00 0.00	17.10 -0.01 0.00	19.28 -0.08 0.00	31.63 0.13 0.00	36.72 0.46 0.00	47.12 0.58 0.00	32.96 0.31 0.00	28.44 0.16 0.00	28.43 0.22 0.00	29.35 0.29 0.00	27.70 0.31 0.00	26.33 0.31 0.00	21.14 0.23 0.00	25.40 0.13 0.00	28.99 0.11 0.00	36.25 0.11 0.00	37.59 0.03 0.00	66.59 0.27 0.00	135.47 1.69 0.00	50.98 0.45 0.00	39.12 0.18 0.00	29.55 -0.12 0.00
V_E_10_SYNC_DSASP 323830	33.20 1.47 0.00	29.61 1.28 0.00	17.12 0.80 0.00	17.90 0.79 0.00	20.40 1.04 0.00	33.31 1.81 0.00	38.31 2.05 0.00	49.01 2.47 0.00	34.42 1.78 0.00	30.23 1.86 -0.09	29.47 1.26 0.00	29.88 0.76 -0.05	28.15 0.76 0.00	26.55 0.53 0.00	21.71 0.41 -0.40	27.92 1.02 -1.63	30.17 1.27 -0.03	38.38 2.24 0.00	40.64 3.08 0.00	71.72 5.41 0.00	144.44 10.65 0.00	54.25 3.72 0.00	41.54 2.60 0.00	31.51 1.83 0.00

V_F_30_NSYNC___DSASP 323816	32.91 1.18 0.00	29.42 1.09 0.00	17.06 0.73 0.00	17.89 0.78 0.00	20.25 0.89 0.00	32.68 1.18 0.00	37.61 1.34 0.00	48.44 1.90 0.00	33.90 1.26 0.00	29.22 0.94 0.00	29.01 0.80 0.00	29.91 0.84 0.00	28.12 0.73 0.00	26.70 0.67 0.00	21.42 0.52 0.00	26.11 0.83 0.00	29.90 1.02 0.00	37.50 1.35 0.00	39.12 1.57 0.00	69.33 3.02 0.00	139.41 5.63 0.00	52.72 2.20 0.00	40.58 1.64 0.00	31.08 1.41 0.00
V_F_30_SYNC_DSASP 323786	32.09 0.35 0.00	28.78 0.45 0.00	16.73 0.41 0.00	17.56 0.45 0.00	19.84 0.48 0.00	31.88 0.38 0.00	36.64 0.37 0.00	47.11 0.57 0.00	33.15 0.51 0.00	28.69 0.41 0.00	28.55 0.34 0.00	29.45 0.38 0.00	27.73 0.34 0.00	26.37 0.34 0.00	21.18 0.27 0.00	25.71 0.44 0.00	29.32 0.44 0.00	36.61 0.47 0.00	38.12 0.56 0.00	67.18 0.87 0.00	134.77 0.99 0.00	51.09 0.57 0.00	39.45 0.51 0.00	30.32 0.65 0.00
V_XM_10_SYNC_DSASP 323789	32.51 0.78 0.00	28.97 0.64 0.00	16.62 0.30 0.00	17.40 0.29 0.00	19.62 0.26 0.00	32.10 0.60 0.00	37.11 0.85 0.00	47.79 1.25 0.00	33.41 0.77 0.00	28.68 0.40 0.00	28.66 0.46 0.00	29.61 0.54 0.00	27.96 0.57 0.00	26.56 0.53 0.00	21.31 0.40 0.00	25.57 0.29 0.00	29.66 0.79 0.00	36.94 0.80 0.00	38.37 0.81 0.00	67.80 1.49 0.00	137.36 3.57 0.00	51.62 1.09 0.00	39.53 0.59 0.00	29.84 0.17 0.00
W.BABYLN_69_KV_BK1 56697	42.98 2.61 -8.63	30.66 2.34 0.00	19.78 1.50 -1.95	18.73 1.62 0.00	21.27 1.91 0.00	34.29 2.79 0.00	39.18 2.91 0.00	50.32 3.78 0.00	36.43 2.75 -1.04	40.08 2.71 -9.08	37.74 3.08 -6.45	42.27 3.26 -9.95	32.35 2.94 -2.02	28.10 2.72 0.64	32.65 2.21 -9.53	34.71 2.51 -6.92	51.68 2.63 -20.18	61.18 2.96 -22.07	59.37 2.19 -19.61	84.03 3.73 -13.98	157.58 5.47 -18.33	69.42 2.76 -16.13	64.92 3.03 -22.96	60.47 2.63 -28.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.09 1.36 0.00	29.62 1.29 0.00	17.19 0.87 0.00	18.11 1.00 0.00	20.52 1.17 0.00	33.03 1.53 0.00	38.06 1.80 0.00	49.08 2.54 0.00	34.48 1.84 0.00	30.05 1.77 0.00	30.21 2.00 0.00	31.25 2.18 0.00	29.45 2.06 0.00	27.91 1.88 0.00	22.44 1.53 0.00	27.12 1.85 0.00	30.86 1.99 0.00	38.60 2.46 0.00	39.87 2.31 0.00	70.04 3.72 0.00	139.57 5.78 0.00	52.97 2.45 0.00	41.16 2.23 0.00	31.57 1.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.33 1.59 0.00	29.82 1.49 0.00	17.32 1.00 0.00	18.24 1.13 0.00	20.69 1.34 0.00	33.24 1.74 0.00	38.27 2.01 0.00	49.40 2.86 0.00	34.80 2.15 0.00	30.91 2.07 -0.57	31.53 2.28 -1.04	48.21 2.48 -16.66	44.57 2.33 -14.85	36.87 2.15 -8.70	27.87 1.73 -5.22	29.83 2.08 -2.48	44.96 2.26 -13.82	53.84 2.77 -14.93	40.09 2.53 0.00	70.35 4.04 0.00	139.81 6.03 0.00	53.13 2.61 0.00	41.29 2.36 0.00	31.73 2.06 0.00
W50THST__13_KV_LOAD 356117	33.45 1.71 0.00	29.92 1.60 0.00	17.38 1.06 0.00	18.31 1.20 0.00	20.77 1.41 0.00	33.37 1.87 0.00	38.44 2.17 0.00	49.66 3.11 0.00	35.00 2.35 0.00	31.10 2.25 -0.57	31.72 2.48 -1.04	48.42 2.69 -16.66	44.77 2.53 -14.85	37.06 2.33 -8.70	28.01 1.88 -5.22	30.01 2.25 -2.48	45.15 2.46 -13.82	54.08 3.00 -14.93	40.32 2.76 0.00	70.71 4.39 0.00	140.48 6.70 0.00	53.34 2.81 0.00	41.46 2.52 0.00	31.83 2.15 0.00
WADING RIVER_IC_1 23522	42.85 3.13 -7.98	31.10 2.77 0.00	20.07 1.76 -1.99	19.00 1.89 0.00	21.54 2.18 0.00	34.78 3.28 0.00	39.74 3.47 0.00	51.01 4.47 0.00	44.02 3.18 -8.20	103.58 3.11 -72.18	44.32 3.57 -12.54	69.88 3.79 -37.03	57.06 3.34 -26.34	29.51 3.02 -0.46	101.88 2.46 -78.51	84.50 2.80 -56.43	200.85 2.96 -169.02	224.36 3.43 -184.79	194.30 2.68 -154.06	175.65 4.52 -104.81	279.10 6.97 -138.35	174.40 3.24 -120.64	215.29 3.22 -173.13	243.43 2.85 -210.91
WADING RIVER_IC_2 23547	42.85 3.13 -7.98	31.10 2.77 0.00	20.07 1.76 -1.99	19.00 1.89 0.00	21.54 2.18 0.00	34.78 3.28 0.00	39.74 3.47 0.00	51.01 4.47 0.00	44.02 3.18 -8.20	103.58 3.11 -72.18	44.32 3.57 -12.54	69.88 3.79 -37.03	57.06 3.34 -26.34	29.51 3.02 -0.46	101.88 2.46 -78.51	84.50 2.80 -56.43	200.85 2.96 -169.02	224.36 3.43 -184.79	194.30 2.68 -154.06	175.65 4.52 -104.81	279.10 6.97 -138.35	174.40 3.24 -120.64	215.29 3.22 -173.13	243.43 2.85 -210.91
WADING RIVER_IC_3 23601	42.85 3.13 -7.98	31.10 2.77 0.00	20.07 1.76 -1.99	19.00 1.89 0.00	21.54 2.18 0.00	34.78 3.28 0.00	39.74 3.47 0.00	51.01 4.47 0.00	44.02 3.18 -8.20	103.58 3.11 -72.18	44.32 3.57 -12.54	69.88 3.79 -37.03	57.06 3.34 -26.34	29.51 3.02 -0.46	101.88 2.46 -78.51	84.50 2.80 -56.43	200.85 2.96 -169.02	224.36 3.43 -184.79	194.30 2.68 -154.06	175.65 4.52 -104.81	279.10 6.97 -138.35	174.40 3.24 -120.64	215.29 3.22 -173.13	243.43 2.85 -210.91
WALDENNY_12_KV_BK2 80841	29.92 -1.82 0.00	26.67 -1.66 0.00	15.50 -0.82 0.00	16.11 -1.00 0.00	18.20 -1.16 0.00	30.45 -1.05 0.00	35.28 -0.98 0.00	44.98 -1.57 0.00	31.40 -1.24 0.00	26.88 -0.89 0.51	27.24 -0.97 0.00	27.51 -1.25 0.31	26.16 -1.23 0.00	24.93 -1.09 0.00	17.88 -0.80 2.24	15.04 -0.96 9.27	27.38 -1.33 0.17	34.75 -1.40 0.00	36.60 -0.96 0.00	65.10 -1.22 0.00	130.55 -3.23 0.00	48.50 -2.02 0.00	37.05 -1.88 0.00	28.34 -1.33 0.00
WALDEN___HYDRO 24148	33.05 1.32 0.00	29.57 1.24 0.00	17.17 0.84 0.00	18.06 0.96 0.00	20.46 1.11 0.00	32.94 1.44 0.00	37.93 1.66 0.00	48.85 2.31 0.00	34.32 1.67 0.00	29.89 1.61 0.00	30.01 1.80 0.00	31.04 1.97 0.00	29.26 1.87 0.00	27.73 1.71 0.00	22.26 1.36 0.00	26.89 1.62 0.00	30.65 1.78 0.00	38.38 2.24 0.00	39.72 2.16 0.00	69.83 3.51 0.00	139.30 5.52 0.00	52.86 2.34 0.00	41.02 2.09 0.00	31.44 1.77 0.00
WARRENSBURG____ 23737	32.97 1.23 0.00	29.43 1.11 0.00	17.09 0.77 0.00	17.93 0.82 0.00	20.28 0.92 0.00	32.69 1.19 0.00	37.73 1.46 0.00	48.75 2.21 0.00	34.08 1.43 0.00	29.27 0.99 0.00	28.99 0.78 0.00	29.96 0.89 0.00	28.13 0.74 0.00	26.69 0.67 0.00	21.39 0.49 0.00	26.19 0.92 0.00	30.08 1.20 0.00	37.68 1.54 0.00	39.37 1.81 0.00	69.97 3.66 0.00	140.76 6.98 0.00	53.16 2.64 0.00	40.87 1.93 0.00	31.24 1.56 0.00
WATERSIDE___6 8 9 23538	33.37 1.64 0.00	29.86 1.54 0.00	17.32 1.00 0.00	18.25 1.14 0.00	20.70 1.35 0.00	33.22 1.72 0.00	38.24 1.98 0.00	49.38 2.84 0.00	34.81 2.16 0.00	31.28 2.09 -0.91	32.17 2.28 -1.68	58.42 2.47 -26.88	53.66 2.32 -23.96	40.25 2.15 -12.07	30.59 1.75 -7.94	31.35 2.07 -4.01	53.39 2.22 -22.29	62.95 2.73 -24.08	40.13 2.56 0.00	70.34 4.03 0.00	139.94 6.16 0.00	53.22 2.69 0.00	41.38 2.44 0.00	31.78 2.10 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.71 -0.03 0.00	28.35 0.02 0.00	16.42 0.09 0.00	17.24 0.13 0.00	19.54 0.19 0.00	31.56 0.06 0.00	36.24 -0.03 0.00	46.54 0.00 0.00	32.58 -0.06 0.00	28.22 -0.06 0.00	28.02 -0.19 0.00	28.87 -0.20 0.00	27.17 -0.22 0.00	25.76 -0.27 0.00	20.69 -0.21 0.00	25.10 -0.17 0.00	28.71 -0.17 0.00	36.05 -0.10 0.00	37.67 0.10 0.00	66.79 0.48 0.00	134.23 0.45 0.00	50.72 0.20 0.00	39.18 0.24 0.00	29.98 0.31 0.00

WDELAWARE___HYD 323627	33.56 1.82 0.00	30.01 1.68 0.00	17.43 1.10 0.00	18.33 1.22 0.00	20.77 1.41 0.00	33.50 2.01 0.00	38.58 2.32 0.00	49.65 3.11 0.00	34.82 2.18 0.00	30.29 2.02 0.00	30.35 2.14 0.00	31.49 2.42 0.00	29.73 2.34 0.00	28.00 1.97 0.00	22.31 1.41 0.00	26.93 1.66 0.00	30.76 1.88 0.00	38.62 2.48 0.00	40.09 2.53 0.00	70.59 4.27 0.00	141.06 7.28 0.00	53.44 2.91 0.00	41.41 2.48 0.00	31.68 2.01 0.00
WEST BABYLON___IC 23714	42.98 2.61 -8.63	30.66 2.34 0.00	19.78 1.50 -1.95	18.73 1.62 0.00	21.27 1.91 0.00	34.29 2.79 0.00	39.18 2.91 0.00	50.32 3.78 0.00	36.43 2.75 -1.04	40.08 2.71 -9.08	37.74 3.08 -6.45	42.27 3.26 -9.95	32.35 2.94 -2.02	28.10 2.72 0.64	32.65 2.21 -9.53	34.71 2.51 -6.92	51.68 2.63 -20.18	61.18 2.96 -22.07	59.37 2.19 -19.61	84.03 3.73 -13.98	157.58 5.47 -18.33	69.42 2.76 -16.13	64.92 3.03 -22.96	60.47 2.63 -28.17
WEST CANADA___HYD 24049	31.67 -0.06 0.00	28.28 -0.05 0.00	16.33 0.01 0.00	17.13 0.02 0.00	19.38 0.03 0.00	31.46 -0.03 0.00	36.18 -0.09 0.00	46.44 -0.10 0.00	32.58 -0.07 0.00	28.23 -0.05 0.00	28.16 -0.05 0.00	29.02 -0.05 0.00	27.32 -0.06 0.00	25.95 -0.08 0.00	20.84 -0.07 0.00	25.22 -0.05 0.00	28.81 -0.06 0.00	36.07 -0.07 0.00	37.53 -0.03 0.00	66.33 0.02 0.00	133.54 -0.24 0.00	50.47 -0.05 0.00	38.94 0.00 0.00	29.74 0.07 0.00
WESTERN_NY_WIND 24143	30.50 -1.24 0.00	27.21 -1.12 0.00	15.77 -0.55 0.00	16.39 -0.72 0.00	18.53 -0.83 0.00	30.98 -0.52 0.00	35.90 -0.37 0.00	45.81 -0.73 0.00	31.83 -0.81 0.00	27.23 -0.78 0.27	27.23 -0.98 0.00	27.67 -1.24 0.16	26.20 -1.19 0.00	24.95 -1.07 0.00	19.00 -0.74 1.18	19.50 -0.89 4.88	27.50 -1.29 0.09	34.80 -1.34 0.00	36.72 -0.84 0.00	65.81 -0.50 0.00	132.61 -1.17 0.00	49.36 -1.16 0.00	37.69 -1.25 0.00	28.84 -0.84 0.00
WESTOVER___LESR 323668	31.57 -0.17 0.00	28.18 -0.15 0.00	16.40 0.07 0.00	17.14 0.03 0.00	19.43 0.07 0.00	31.56 0.06 0.00	36.39 0.12 0.00	46.74 0.20 0.00	32.76 0.11 0.00	28.56 0.28 0.00	28.40 0.19 0.00	29.13 0.06 0.00	27.40 0.01 0.00	26.04 0.02 0.00	20.94 0.03 0.00	25.39 0.12 0.00	28.94 0.07 0.00	36.38 0.24 0.00	38.00 0.44 0.00	67.13 0.81 0.00	134.43 0.65 0.00	50.57 0.05 0.00	38.98 0.05 0.00	29.75 0.07 0.00
WETHRSFD_WT_PWR 323626	29.75 -1.99 0.00	26.43 -1.89 0.00	15.40 -0.92 0.00	16.05 -1.06 0.00	18.13 -1.23 0.00	30.14 -1.36 0.00	35.03 -1.24 0.00	44.70 -1.84 0.00	31.06 -1.58 0.00	25.07 -1.44 1.78	26.57 -1.64 0.00	26.01 -1.97 1.09	25.57 -1.81 0.00	24.39 -1.63 0.00	11.79 -1.34 7.78	-8.52 -1.57 32.22	26.39 -1.90 0.58	34.15 -2.00 0.00	36.28 -1.28 0.00	65.07 -1.24 0.00	130.68 -3.10 0.00	48.80 -1.72 0.00	37.34 -1.60 0.00	28.38 -1.29 0.00
WHAVSTOR_138KV_BK127 55557	32.96 1.23 0.00	29.51 1.19 0.00	17.13 0.81 0.00	18.05 0.94 0.00	20.45 1.10 0.00	32.90 1.40 0.00	37.86 1.60 0.00	48.80 2.26 0.00	34.29 1.64 0.00	29.88 1.60 0.00	30.04 1.83 0.00	31.06 2.00 0.00	29.27 1.89 0.00	27.74 1.72 0.00	22.31 1.40 0.00	26.96 1.69 0.00	30.70 1.83 0.00	38.40 2.25 0.00	39.66 2.10 0.00	69.65 3.34 0.00	138.77 4.99 0.00	52.70 2.18 0.00	40.97 2.04 0.00	31.43 1.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.96 1.23 0.00	29.51 1.19 0.00	17.13 0.81 0.00	18.05 0.94 0.00	20.45 1.10 0.00	32.90 1.40 0.00	37.86 1.60 0.00	48.80 2.26 0.00	34.29 1.64 0.00	29.88 1.60 0.00	30.04 1.83 0.00	31.06 2.00 0.00	29.27 1.89 0.00	27.74 1.72 0.00	22.31 1.40 0.00	26.96 1.69 0.00	30.70 1.83 0.00	38.40 2.25 0.00	39.66 2.10 0.00	69.65 3.34 0.00	138.77 4.99 0.00	52.70 2.18 0.00	40.97 2.04 0.00	31.43 1.76 0.00
WHITEHAL_115KV_TB1 80871	33.31 1.58 0.00	29.72 1.39 0.00	17.37 1.04 0.00	18.21 1.10 0.00	20.61 1.26 0.00	32.97 1.47 0.00	38.22 1.95 0.00	49.81 3.27 0.00	34.70 2.05 0.00	29.40 1.12 0.00	28.98 0.77 0.00	30.15 1.08 0.00	28.31 0.92 0.00	26.79 0.76 0.00	21.41 0.50 0.00	26.51 1.24 0.00	30.64 1.77 0.00	38.23 2.09 0.00	39.95 2.39 0.00	71.80 5.49 0.00	144.73 10.95 0.00	54.53 4.00 0.00	41.75 2.82 0.00	31.92 2.25 0.00
WHITEPLN_13_KV_LOAD 356215	33.41 1.67 0.00	29.89 1.56 0.00	17.35 1.03 0.00	18.26 1.15 0.00	20.69 1.34 0.00	33.29 1.80 0.00	38.34 2.08 0.00	49.48 2.94 0.00	34.80 2.16 0.00	30.38 2.07 -0.02	30.55 2.29 -0.05	32.31 2.48 -0.76	30.42 2.35 -0.68	28.60 2.17 -0.40	22.90 1.75 -0.24	27.48 2.09 -0.11	31.77 2.26 -0.64	39.62 2.79 -0.69	40.17 2.61 0.00	70.53 4.22 0.00	140.51 6.72 0.00	53.35 2.83 0.00	41.44 2.50 0.00	31.80 2.13 0.00
WM_FLOYD_69_KV_BK2 356380	42.73 3.00 -8.00	31.00 2.67 0.00	20.01 1.70 -1.99	18.94 1.83 0.00	21.47 2.11 0.00	34.66 3.16 0.00	39.59 3.32 0.00	50.79 4.25 0.00	44.01 3.03 -8.34	104.72 3.01 -73.43	44.29 3.43 -12.65	70.27 3.64 -37.56	57.40 3.20 -26.82	29.41 2.90 -0.48	103.16 2.38 -79.87	85.43 2.75 -57.41	203.71 2.88 -171.96	227.51 3.37 -188.00	196.78 2.63 -156.59	173.92 4.50 -103.11	277.46 6.85 -136.83	172.18 3.20 -118.46	213.25 3.22 -171.10	240.29 2.86 -207.75
WOODARD___115KV_TB2 355635	31.32 -0.41 0.00	27.95 -0.37 0.00	16.16 -0.17 0.00	16.91 -0.20 0.00	19.14 -0.21 0.00	31.18 -0.31 0.00	35.83 -0.44 0.00	45.88 -0.66 0.00	32.22 -0.42 0.00	27.99 -0.29 0.00	27.79 -0.42 0.00	28.56 -0.51 0.00	26.90 -0.49 0.00	25.59 -0.43 0.00	20.58 -0.32 0.00	24.92 -0.35 0.00	28.49 -0.39 0.00	35.73 -0.41 0.00	37.32 -0.24 0.00	65.95 -0.36 0.00	132.63 -1.15 0.00	49.99 -0.53 0.00	38.48 -0.45 0.00	29.42 -0.26 0.00
WOODMERE_69_KV_BK1 55827	45.92 2.34 -11.85	30.46 2.13 0.00	19.45 1.34 -1.79	18.58 1.47 0.00	21.06 1.71 0.00	33.93 2.43 0.00	38.83 2.57 0.00	49.95 3.41 0.00	35.14 2.50 0.00	30.76 2.54 0.06	36.27 2.84 -5.22	37.79 3.08 -5.65	28.77 2.88 1.50	27.91 2.68 0.80	22.61 2.17 0.46	27.54 2.51 0.25	30.15 2.67 1.39	37.73 3.09 1.50	40.11 2.54 0.00	70.44 4.13 0.00	139.67 5.89 0.00	53.35 2.82 0.00	41.73 2.79 0.00	32.09 2.42 0.00
YORK___WARBASSE 23770	33.47 1.74 0.00	29.93 1.61 0.00	17.36 1.03 0.00	18.28 1.17 0.00	20.73 1.38 0.00	33.30 1.80 0.00	38.37 2.10 0.00	49.49 2.95 0.00	34.91 2.26 0.00	31.35 2.16 -0.91	32.26 2.37 -1.68	58.50 2.55 -26.88	53.73 2.38 -23.96	51.76 2.24 -23.49	33.48 1.81 -10.76	31.42 2.14 -4.01	53.46 2.29 -22.29	63.06 2.84 -24.08	40.31 2.75 0.00	70.65 4.32 -0.02	140.41 6.63 0.00	53.44 2.91 0.00	41.57 2.63 0.00	31.91 2.24 0.00